REPORT

ON

The Meteorology of India

IN

1887.

BY

JOHN ELIOT, M.A.,

OFFG. METEOROLOGICAL REPORTER TO THE GOVERNMENT OF INDIA.

THIRTEENTH YEAR.

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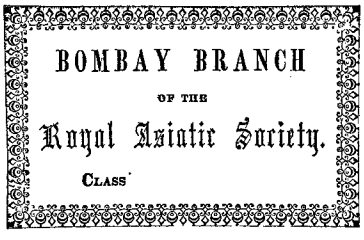

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	Pages.
Cloud Proportion	161—174
Table XXV.—*Average proportion of clouded sky in each month, deduced from the registers of past years*	162—166
Table XXVI.—*Comparison of the mean cloud proportion in each month of 1887, with the averages of Table XXV*	166—170
Table XXVII.—*Geographical Summary of the differences of Table XXVI*	170—171
Rainfall	174—256
Table XXVIII.—*Average monthly and annual rainfall of 484 stations in India, Ceylon, &c.*	176—188
Table XXIX.—*Comparison of the monthly and total rainfall in 1887, with the averages of Table XXVIII*	188—200
Table XXX.—*Geographical Summary of rainfall anomalies in 1887*	247
Table XXXI.—*Geographical Summary of the distribution of rainfall in 1887 according to seasons*	248
Summary	257—274
Explanation of the Plates	275
Appendix.—*Abstract of Meteorological Registers for the year 1887*	1—329
Table I.—*Equilibrium temperatures of solar radiation in 1887 (113 stations)*	1—29
Table II.—*Duration of bright sunshine in 1887 (6 stations)*	30
Table III.—*Temperatures of nocturnal radiation in 1887 (109 stations)*	31—58
Table IV.—*Temperatures of the ground in 1887 (5 stations)*	59—60
Table V.—*Mean and extreme air-temperatures in the shade in 1887 (141 stations)*	61—96
Table VI.—*Sea-level equivalents of monthly mean air-temperatures in 1887 (113 stations)*	97—99
Table VII.—*Monthly means and extremes of pressure in 1887 (132 stations)*	100—133
Table VIII.—*Monthly means of pressure in 1887, reduced to their sea-level values (107 stations)*	134—136
Table IX.—*Direction and mean movement of winds in 1887 (135 stations)*	137—225
Table X.—*Temperature of evaporation in 1887 (131 stations)*	226—259
Table XI.—*Tension of atmospheric vapour in 1887 (138 stations)*	260—274
Table XII.—*Mean relative humidity of the air in 1887 (138 stations)*	275—289
Table XIII.—*Mean proportion of clouded sky in 1887 (137 stations)*	290—301
Table XIV.—*Inches of rainfall in each month of 1887 (507 stations)*	302—315
Table XV.—*Number of days on which rainfall was measured in 1887 (507 stations)*	316—329

REPORT ON THE METEOROLOGY OF INDIA IN 1887.

INTRODUCTION.

THE present is the thirteenth Annual Report issued by the Indian Meteorological Department and the third of the second decade. It gives the results of the observations taken at 142 stations, two of which commenced work during the year under review. The first was opened at Kendat, in Upper Burma, on the 1st January 1887, and contributes a series of observations for the year and the second at Bagdad in Asiatic Turkey.

The establishment of a few observatories in Afghanistan, Persia and Asiatic Turkey is very desirable in order to serve as a connecting link between the Meteorology of Europe and of Southern Asia. Observatories at half a dozen stations, suitably situated, would be sufficient to determine whether some of the cold-weather storms of Northern India are continuations of storms which have passed through Central or Southern Europe—a question of considerable importance in connection with the winter rains of Northern India.

The Report for the year 1887 is published in the form adopted by Mr. Blanford. The elements of meteorological observation for the year are discussed in the following order:—

(1) Solar radiation and duration of bright sunshine,
(2) Nocturnal radiation and temperature of the ground,
(3) Temperature of the air,
(4) Atmospheric pressure,
(5) Wind direction and movement,
(6) Hygrometry,
(7) Cloud proportion,
(8) Rainfall,

and are followed by a discussion on the more important features and abnormal variations of the year.

The following table gives a list of the number and distribution of the observatories which contributed registers during the year 1887:—

Provinces or Countries.	Stations in 1887.
Arabia	1
Asiatic Turkey	1
Persia	1
Lakhadives	1
Beluchistan	1
Carried over	5

Provinces or Countries.	Stations in 1887.
Brought forward	5
Kashmir	1
Punjab	13
North-Western Provinces	16
Nepal	1
Assam	5
Bengal	19
Central Provinces	11
Berars	5
Central India	4
Rajputana	6
Bombay	14
Madras, Mysore and Coorg	20
Ceylon	8
Burma	11
Bay Islands	3
TOTAL	142

DESCRIPTION OF THE STATIONS.

The Reports for 1885 and 1886 give descriptions of the stations at which observatories were then established, and it is hence unnecessary to repeat them in the present volume.

The following table (Table I) gives the latitude and longitude of each station to the nearest minute of arc, and the elevation of the barometer, which, with very few exceptions, has been determined by spirit-levelling, either to datum levels fixed by the spirit-levelling operations of the Survey of India, or to the levels of the Railway lines.

At the two following stations, the barometer has been removed to a level different from that which it occupied previously, and the change of elevation must, therefore, be allowed for in comparing the barometric registers of 1887 with those given in previous reports:—

Stations.	Former elevation.	Present elevation.	Date of change.
Mercara	3694·5 feet[1]	3883·7 feet[1]	1st January 1887.
Jhansi	855·4 „	840·13 „	14th June 1887.

[1] There are some doubts as to the accuracy of these elevations. It is hoped that the exact elevation of the Mercara barometer will be shortly ascertained.

TABLE I.—*Latitudes, Longitudes, and Elevations of the Meteorological Observatories.*

PROVINCES.	STATIONS.	Latitude, North.	Longitude, East.	Elevation in feet above mean sea-level.	Level determined.	How determined.	Authority for elevation.
ARABIA	Aden	12° 45′	45° 3′	94·1	Barometer	Determined from the 9′ mark on the tide gauge.	Assistant Resident, Aden.
ASIATIC TURKEY.	Bagdad	33° 19′	44° 26′				
PERSIA	Bushire	28° 59′	50° 49′	25	Ditto	.....	Colonel Ross.
LAKHADIVES.	Amini Divi	11° 6′	72° 48′	15?	Ditto	Estimated.	
BELUCHISTAN	Quetta	30° 11′	67° 3′	5,502·26	Bar. cistern	By spirit-level to G. T. Survey B. M.	Surgeon-Major.
KASHMIR	Leh	34° 10′	77° 42′	11,502·96	Ditto	By spirit-level to G. T. Survey B. M.	J. B. Morris, Esq., C. E.
PUNJAB	Kailang	32° 34′	77° 4′	10,087	Ditto	By barometer, from Leh and Simla.	H. F. Blanford, Esq.
	Chamba	32° 34′	76° 10′	3,004·7	Top of mercury of bar. cistern.	Determined from the ground level of the Chamba Survey Station.	Deputy Conservator of Forests.
	Mooltan	30° 10′	71° 33′	420·19	Mercury of bar. cistern.	Levelled from G. T. Survey B. M.	J. D. Davis, Esq., C. E.
	Dera Ismail Khan.	32° 0′	71° 5′	572·56	Ditto	By spirit-level to G. T. Survey B. M.	Major Thorold.
	Peshawar	34° 2′	71° 37′	1,110·4	Bar. cistern, Police Hospital.	Ditto	Bomford Lovett, Esq., Ex. Engr., Hazara Division.
	Murree	33° 54′	73° 27′	6,343·86	Mercury of bar. cistern.	By spirit-level to G. T. Survey B. M. on Prospect Hill 1·48 miles distant.	A. Grant, Esq., Assistant Engineer.
	Rawalpindi	33° 38′	73° 5′	1,652·24	Bar. cistern, Civil Dispensary.	.....	J. B. Morris, Esq., C.E.
	Sialkot	32° 29′	74° 35′	829·47	Plinth of City Hospital.	Levelled 1 mile to bridge	Major-General J.D. Campbell, R.E.
	Lahore	31° 34′	74° 20′	702·22	Barometer	By levelling between former and present situation.	J.E. Hilton, Esq., C.E., Ex. Engr., Lahore Division.
	Ludhiana	30° 55′	75° 54′	811·86	Bar. cistern.	Levelled from milestone No. 3 from Ludhiana.	Ex. Engr., Umballa and Ludhiana Road, 1st Division.
	Simla	31° 6′	77° 12′	7,048·24	Ditto	Levelled to Simla W. W. Bench-mark on Church steps.	A. C. L. Learmouth, Esq., Ex. Engineer.
	Delhi	28° 40′	77° 16′	717·81	Ditto	Levelled from B. M. Cabul Gate.	J. C. Sarkar, Ex. Engr.
	Sirsa	29° 32′	75° 6′	661·61	Ditto Jail Dispensary room.	By spirit-level to G. T. Survey B. M.	Babu R. K. Mookerji, Supervisor.
	Chakrata	30° 40′	77° 55′	7,051·58	Mercury of bar. cistern.	Levelled from G. T. Survey B. M.	Government, N.-W. Provinces, P. W. D.
	Mussooree	30° 28′	78° 7′	6,881	Bar. cistern	.....	Survey of India.
	Dehra	30° 20′	78° 8′	2,232·4	Mercury of bar. cistern.	G. T. Survey, by spirit-level.	J. B. N. Hennessy, Esq.,
	Roorkee	29° 52′	77° 56′	886·63	Ditto	By spirit-level to two G. T. Survey spirit-level B. M.	Ex. Engr., Shaharanpur.
	Ranikhet	29° 38′	79° 29′	6,068·75	Ditto	From G. T. Survey B. M.	Ex. Engr., Military Works.
	Pithoragarh	29° 35′	80° 15′	5,363·2	Bar. cistern.	Barometrically from two neighbouring Hills, G. T. S. heights.	S. A. Hill, Esq., B.Sc.
N. W. PROVINCES AND OUDH.	Meerut	29° 0′	77° 41′	737·48	Mercury of bar. cistern.	From G. T. Survey B. M.	Ex. Engr., Meerut Division.
	Bareilly	28° 21′	79° 27′	568·47	Ditto	Levelled from G. T. Survey B. M.	Commissioner of Rohilkhand.
	Agra	27° 10′	78° 5′	555·44	Top of bar. cistern	By spirit-level to G. T. Survey B. M.	Sub-Overseer, Mustag Ahmed.
	Lucknow	26° 50′	81° 0′	369·4	Bar. cistern	By measurement to G. T. Survey B. M. on Museum building.	Dr. Bonavia.
	Gorakhpur	26° 46′	83° 18′	255·93	Ditto	Levelled from Trigonometrical level.	Government N.-W. Provinces, P. W. D.
	Jhansi	25° 27′	78° 37′	(*a*) 855·4	Bar. cistern of Dispensary.	From the levels of the Bundelkhand Irrigation works.	Commissioner of Jhansi.
				840·13	Barometer	By levelling from the I. M. Railway bench mark.	Ex. Engr., Jhansi Provincial Division, P. W. D.

(*a*) Changed to 840·13 feet on the 14th June 1887. The site of observatory changed.

TABLE I.—*Latitudes, Longitudes, and Elevations of the Meteorological Observatories*—continued.

PROVINCES.	STATIONS.	Latitude, North.	Longitude, East.	Elevation in feet above mean sea-level.	Level determined.	How determined.	Authority for elevation.
N. W. PROVINCES AND OUDH—cotd.	Allahabad	25° 26′	81° 52′	309·28	Bar. cistern	By spirit-level to G. T. Survey B. M., in Fort.	Secretary, Dept. P. W. N.-W. Provinces.
	Benares	25° 20′	83° 2′	266·97	Bottom of bar. cistern.	By spirit-level to G. T. Survey spirit-level B. M.	Ditto.
	Ghazipur	25° 35′	83° 39′	219·74	Bar. cistern	By levelling from the B. M. at Collector's Kachari.	Sub-Divisional Officer, P. W. Dept.
NEPAL	Katmandu	27° 42′	85° 12′	4,387·8	Dispensary	.....	C. E. R. Girdlestone, Esq., C. S., Resident in Nepal.
ASSAM	Sibsagar	26° 59′	94° 40′	333	Bar. cistern	Measured from G. T. Survey B. M.	Dr. M. Mookerji.
	Tezpur	26° 36′	92° 50′	251·3	Ditto	By spirit-level to G. T. Survey B. M.	J. H. Jewett, Esq., C.E.
	Dhubri	26° 7′	89° 50′	115·34	Mercury of bar. cistern.	Determined from nearest trigonometrical pillar by levelling.	Mr. Clancy, Assistant Engineer, Dhubri.
	Silchar	24° 49′	92° 50′	104·3	Bar. cistern	Level taken by the P. W. Department.	Dr. J. J. Monteath.
	Tura	25° 30′	90° 17′				
BENGAL	Darjeeling	27° 3′	88° 18′	7,421·1	Bar. cistern	By spirit-level to G. T. Survey B. M.	Captain H. T. Harman, R.E.
	Pedong	27° 9′	88° 40′				
	Purneah	25° 50′	87° 34′	125	(?)	By spirit-level to church.	Dr. Picachy.
	Durbhunga	26° 10′	86° 0′	166·32	Bar. cistern	Levelled from B. M. quarter of a mile distant.	Superintending Engineer, Raj Durbhunga.
	Patna	25° 37′	85° 14′	182·84	Ditto	By levelling from the old position.	W. H. King, Esq., C.E.
	Gya	24° 42′	85° 2′	374·9	Ditto	Levelled from G. T. Survey spirit-level B. M. at Bankipore Railway Station.	M. P. B. Duell, Esq., C.E.
	Hazaribagh	24° 0′	85° 24′	2,007·12	Ditto	.....	Assistant Engineer, P.W. Dept.
	Berhampore	24° 6′	88° 17′	66·45	Ditto	By spirit-level to Irrigation Department B. M.	G. Pearson, Esq.
	Burdwan	23° 14′	87° 54′	99·09	Ditto	.....	Dr. Joubert.
	Jessore	23° 9′	89° 13′	33·29	Ditto	By spirit-level to B. M. on 73rd milestone from Calcutta.	Babu Nobo Gopal Dutt.
	Dacca	23° 43′	90° 27′	21·7	Ditto	Determined from the previous height.	R. Ebrington, Esq., Asst. Supdt. of Telegraphs.
	Chittagong	22° 21′	91° 50′	86·7	Ditto	.....	H. F. Blanford, Esq.
	Demagiri	22° 48′	92° 15′				
	Calcutta (Alipore).	22° 32′	88° 20′	21·38	Bar. cistern	By spirit-level to Kydd's Dock B. M.	H. F. Blanford, Esq.
	Calcutta (Chowringhee).	22° 33′	88° 21′	18			
	Saugor Island	21° 39′	88° 5′	25·3	Bar. cistern	.....	Telegraph Master.
	Light Ship (Sand heads).	21° 1′	88° 12′	6			
	Cuttack	20° 29′	85° 54′	80	Ditto	By spirit-level to Irrigation Department B. M.	T. S. Isaac, Esq., C.E.
	False Point	20° 20′	86° 47′	20·60	Ditto	By levelling	Major Rogers, in charge of the Levelling and Tidal Operations, Survey of India.
CENTRAL PROVINCES	Sambalpur	21° 31′	84° 1′	463	Ditto	Determined from the former height,	Honorary Surgeon-Major J. E. Harrison.
	Raipur	21° 15′	81° 41′	960	Ditto	By spirit-level from Nagpur, 175 miles.	Dr. Townshend.
	Nagpur	21° 9′	79° 11′	1,025	Ditto	By spirit-level from G. T. Survey B. M. and Railway.	Ditto.
	Seoni	22° 6′	79° 33′	2,030	Ditto	By spirit-level from G. T. Survey B. M.	Ditto.
	Jubbulpore	23° 9′	79° 59′	1,340·75	Ditto	By levelling between former and present situation.	D. P. W.
	Saugor	23° 49′	78° 48′	1,768·9	Ditto	Levelled from Revenue B. M.	Ex. Engr., Saugor.
	Pachmarhi	22° 28′	78° 28′	3,511	Barometer	By measurement from the former height.	Surgeon-Major R. Drury.

TABLE I.—*Latitudes, Longitudes, and Elevations of the Meteorological Observatories*—continued.

PROVINCES.	STATIONS.	Latitude North.	Longitude, East.	Elevation in feet above mean sea-level.	Level determined.	How determined.	Authority for elevation.
CENTRAL PROVINCES —*concld.*	Hoshangabad	22° 45′	77° 46′	1,020	Barometer	By spirit-level from Itarsi Railway Station, 11 miles.	Surgeon-Major R. Drury.
	Khandwa	21° 49′	76° 23′	1,043·71	Ditto	From the former height.	Dr. P. Cullen, M.D.
	Chanda	19° 56′	79° 19′	651·89	Bar. cistern at Police Hospital.	By spirit-level to Railway at Wardha Station, G. I. P. Railway.	T. S. O'Callaghan, Esq., C.E.
	Sironcha	18° 51′	80° 0′	401·29	Bar. cistern	Levelled from G. T. Survey B. M.	Ex. Engr., Nagpur Division.
BERARS	Chikalda	21° 24′	77° 22′	3,642·4	Ditto	.....	E. Litchfield, Esq., Deputy Conservator of Forests, Berar.
	Buldana	20° 34′	76° 14′	2,131·76	Barometer	By spirit-level to rails at Mulkapur Station.	F. Chambers, Esq.
	Akola	20° 42′	77° 4′	930	Ditto	By spirit-level to rails of Railway Station.	J. F. Pope, Esq.
	Amraoti	20° 55′	77° 43′	1,213·38	Ditto	By spirit-level to rails at Budnera Station.	F. Chambers, Esq.
CENTRAL INDIA	Neemuch	24° 25′	75° 0′	1,639·36	Bar. cistern	.....	Ditto.
	Nowgong	25° 2′	79° 29′	757·04	Ditto	Levelled to G. T. Survey B. M. on Mow Hills.	Ex. Engr., Bundelkhand Roads.
	Sutna	24° 34′	80° 52′	1,040·1	Barometer	By spirit-level to Railway Station.	Dr. S. J. Goldsmith.
	Indore	22° 44′	75° 53′	1,823·2	Bar. cistern	From the former height	Meteorological Observer.
RAJPUTANA	Bickaneer	27° 59′	73° 14′	743·5	Ditto	Ground-level by G. T. Survey.	F. Chambers, Esq.
	Jeypore	26° 55′	75° 50′	1,430·6	Ditto	Spirit-levelling to G. T. Survey level.	Agency Surgeon, C. R. S. Agency, Jeypore.
	Sambhar	26° 55′	75° 14′	1,253·52	Ditto	.....	S. A. Hill, Esq., B.Sc.
	Ajmere	26° 28′	74° 37′	1,611	Ditto	From the previous height	Ditto.
	Mount Abu	24° 36′	72° 45′	3,945	Ditto	.....	F. Chambers, Esq.
	Pachpadra	25° 55′	72° 18′	380	Ditto	By barometer	H. F. Blanford, Esq.
BOMBAY	Jacobabad	28° 24′	68° 18′	185·9	Ditto	.....	F. Chambers, Esq.
	Hyderabad	25° 25′	68° 27′	117·18	Ditto	From B. M. on Futeli Bridge.	Surgeon-Major H. W. Tetham.
	Kurrachee	24° 47′	67° 4′	49	Ditto	.....	F. Chambers, Esq.
	Bhuj	23° 15′	69° 42′	395·12	Ditto	By spirit-level to base of pillar No. 4, in cantonment.	Jaggernath Sadashib, Esq.
	Rajkot	22° 17′	70° 52′	428·83	Ditto	Determined from G. T. Survey B. M.	R. B. Booth, Esq., Agency Engr.
	Deesa	24° 16′	72° 14′	465·5	Ditto	Measured from G. T. Survey B. M.	N. Hennessy, Esq.
	Surat	21° 13′	72° 46′	36	Ditto	.....	F. Chambers, Esq.
	Malegaon	20° 34′	74° 22′	1,430·12	Ditto	By spirit-level to B. M., distant 8,620 feet from the Observatory.	A. T. Anderson, Esq., Ex. Engr., Northern Division.
	Bombay	18° 54′	72° 49	37	Ditto	.....	C. Chambers, Esq.
	Poona	18° 28′	74° 10′	1,840·37	Ditto	.....	F. Chambers, Esq.
	Sholapur	17° 41′	75° 56′	1,585·12	Ditto	Levelled to B.M., distant about 200 feet from the Military Hospital.	Mr. G. B. Dante, Overseer, P. W. D.
	Ratnagiri	17° 0′	73° 23′	110	Ditto	Levelled to B. M. on School of Industry.	C. Brereton, Esq.
	Belgaum	15° 52′	74° 42′	2,524	Ditto	.....	Surgeon-Major B. Buckland.
	Karwar	14° 50′	74° 15′	43·87	Ditto	Levelled to G. T. Survey B.M.	W. J. Lister, Esq., Ex. Engr., Karwar.
MADRAS, MYSORE AND COORG.	Gopalpur	19° 20′	85° 0′	50	Ditto	Estimated.	Meteorological Reporter, Bengal.
	Vizagapatam	17° 42′	83° 22′	31	Ditto	.....	A. V. Nursing Rao, Esq.
	Rajahmundry	16° 58′	81° 50′	112	Ditto	.....	Meteorological Reporter, Madras.
	Masulipatam	16° 9′	81° 12′	10·16	Barometer	Levelled from half-tide level.	Lieutenant D. Campbell, R.E.
	Secunderabad	17° 27′	78° 33′	1,786·69	Bar. cistern	By spirit-level.	Ex. Engr., Secunderabad.
	Kurnool	15° 50′	78° 6′	923·45	Ditto	.....	Asst. Engr., Upper Sub-Division, Kurnool.
	Bellary	15° 9′	76° 57′	1,474·63	Ditto	.....	Major S. Clerke, R.E.

TABLE I.—*Latitudes, Longitudes, and Elevations of the Meteorological Observatories*—concluded.

PROVINCES.	STATIONS.	Latitude, North.	Longitude, East.	Elevation in feet above mean sea-level.	Level determined.	How determined.	Authority for elevation.
MADRAS, MYSORE AND COORG —*concld.*	Cuddapah	14° 26′	78° 51′	433·36	Bar. cistern	By spirit-level from B.M. at the Executive Engineer's Office.	Meteorological Reporter, Madras.
	Mangalore	12° 52′	74° 54′	25·50	Ditto	.....	R. P. Lemon, Esq., Sub-Divisional Officer.
	Mercara	12° 26′	75° 48′	3,694·5[2](a)	Ditto	Levelled from G. T. Survey B. M. on Kumdonmoti Hill.	E. Morton., Esq., Supervisor.
				3,883·7[2]	Ditto	.....	Supdt. Metgl. Observatory, Mercara.
	Bangalore	12° 59′	77° 38′	2,981·46	Ditto	By spirit-level to G. T. Survey B. M. near the Observatory.	Colonel Moberly, District Engr., Bangalore.
	Madras	13° 4′	80° 14′	22	Ditto	.....	N. R. Pogson, Esq.
	Salem	11° 39′	78° 12′	939·91	Ditto	By spirit-level from G. T. Survey B. M.	District Engr., Salem.
	Wellington	11° 22′	76° 50′	6,200	Barometer	Reduced from Kumdanugi Peak.	Major Morant, R.E.
	Calicut	11° 15′	75° 49′	26·58	Bar. cistern	.....	F. Chambers, Esq.
	Coimbatore	11° 0′	77° 0′	1,347·64	Ditto	From rail-level at Coimbatore Station.	Colonel C. Wilkinson, R.E.
	Trichinopoly	10° 50′	78° 44′	274·85	Ditto	Levelled from S. I. R. B. M.	Capt. H. F. Morris, R.E.
	Negapatam	10° 46′	79° 53′	15	Barometer	By spirit-level to high-water mark half-tide estimated.	Supdt., Metgl. Observatory, Negapatam.
	Madura	9° 55′	78° 10′	447·97	Bar. cistern	Levelled from Railway Station.	Major A. Scott, R.E.
	Cochin	9° 58′	76° 17′	11·03	Ditto	Levelled from mean sea-level.	P. W. Dept.
CEYLON	Colombo	6° 56′	79° 52′	40	Ditto	By levelling	J. Stoddart, Esq.
	Jaffna	9° 40′	79° 56′	9	Ditto	Ditto	Colonel A. B. Fyers, R.E.
	Trincomalee	8° 33′	81° 15′	75	Ditto	Ditto	Lieut.-Colonel the Hon. F. C. H. Clarke, R.A., C. M. G., Surveyor General, Ceylon.
	Batticaloa	7° 43′	81° 44′	26	Ditto	.....	Colonel A.B. Fyers, R.E.
	Hambantota	6° 7′	81° 7′	40	Ditto	.....	Ditto.
	Galle	6° 1′	80° 14′	48	Ditto	By levelling	J. Stoddart, Esq.
	Kandy	7° 18′	80° 40′	1,696	Ditto	Ditto	Colonel A. B. Fyers, R.E.
	Newera Eliya	6° 46′	80° 47′	6,240	Ditto	Ditto	Ditto.
BURMA	Bhamo	24° 12′	96° 58′				
	Kendat	23° 36′	94° 46′				
	Mandalay	21° 59′	96° 8′				
	Akyab	20° 28′	92° 57′	20·44	Ditto	From half-tide level by spirit-level.	H. F. Blanford, Esq.
	Thayetmyo	19° 22′	95° 12′	134	Ditto	Levelled to highest flood of the Irrawaddy.	Lieut. R. O. Lloyd., R.E.
	Toungoo	18° 57′	96° 24′	181·1	Ditto	.....	Civil Surgeon, Toungoo.
	Bassein	16° 47′	94° 50′	35	Ditto	By aneroid to half-tide level of river.	Dr. Baker.
	Diamond Island	15° 52′	94° 19′	41	Ditto	Levelled to mean tide-level.	Mr. Luke, Asst. Supdt., E. T. D.
	Rangoon	16° 46′	96° 12′	40.69	Ditto	Levelled to half-tide level.	Dr. A. Crombie.
	Moulmein	16° 29′	97° 40′	93·79	Ditto	Levelled to G. T. Survey B. M. on Oozina Hill.	Ex. Engr., Tenasserim Division.
	Mergui	12° 11′	98° 38′	96·27	Ditto	Levelled to half the highest spring-tide.	Ditto.
BAY ISLANDS	Cocos Island	14° 6′	93° 21′	110·7	Ditto	Levelled to high water spring-tide mark.	E. W. Oates, Esq., Ex. Engr., Rangoon Division.
	Port Blair	11° 41′	92° 42′	61·16	Ditto	Above half-tide level by spirit-level.	Capt. de Wolski, R.E.
	Nancowry	8° 0′	93° 46′	81	Ditto	Ditto	Ex. Engr., Andamans and Nicobars.

(a) Changed to 3,883·7 feet on the 1st January 1887. The barometer was removed to a different site.

METEOROLOGY OF 1887.

The meteorology of the year is described under the following heads :—

TEMPERATURE OF SOLAR RADIATION.	ATMOSPHERIC PRESSURE.
DURATION OF BRIGHT SUNSHINE.	ANEMOMETRY.
TEMPERATURE OF NOCTURNAL RADIATION.	HYGROMETRY.
TEMPERATURE OF THE GROUND.	CLOUD PROPORTION.
TEMPERATURE OF THE AIR.	RAINFALL.

SUMMARY.

The average distribution of temperature and pressure, and the mean resultant wind directions in each month, are shewn on the Charts II to IV.

The tables, giving an abstract of the observations of all stations, form the Appendix. The full registers of the seven stations, Calcutta, Lucknow, Allahabad, Lahore, Nagpur, Bombay, and Madras, for the year 1887, are published in a separate form.

SOLAR RADIATION.

The solar radiation thermometer employed at Indian stations[1] is a self-registering mercurial thermometer, having the bulb and half-an-inch of the stem coated with lamp-black, and enclosed in a large tube, from which the greater part of the air is exhausted. Excepting at one or two of the Madras stations and Dehra, all the instruments in use during the past year have been compared, directly or indirectly, with an arbitrary standard instrument of the same construction (Casella No. 9174), by thirty readings or more, taken when the instruments compared and the standard were exposed under similar conditions to the sun's rays. The mean difference of the readings thus ascertained has been applied as a correction to all recorded readings of the former. In some cases this correction amounts to as much as 15° or 20°. No registers are regarded as comparable which have not been subjected to this correction.

The temperature shewn by these instruments is that of equilibrium, when the heat received in each second from the sun and from surrounding objects is exactly equal to that radiated away in the same interval to the sky and objects around. In order that the excess of this temperature above that of the atmosphere may be taken as a measure of the solar effect, it is obvious that surrounding objects and their distance from the instrument must remain unchanged. Hence the readings, even of one and the same sun thermometer, are not comparable *inter se*, if the place of its exposure has been changed. The considerable and constant differences shewn between the maximum recorded temper-

[1] Any exceptions are noted in the tables,

atures of different stations are probably in part due to unavoidable differences in the circumstances of the exposure. In order to minimize the effect of small unavoidable variations in the character of the ground immediately below the instrument, stands, 4 feet high, have been provided at all stations established within the last ten years, and also at the majority of the older stations. At one or two only of the latter, it has been deemed of more importance to preserve uniformity with the practice of former years than to introduce this improvement. The use of the stands is, in all cases, noticed in the tables. It is to be observed that at some of the stations the stand has been fixed rather deeper in the ground than at others, so that the height of the instrument is not uniformly 4 feet, as was intended; but the difference is generally not more than a few inches.

The air temperature, which is deducted from that of the solar thermometer, in order to obtain the excess due to radiation, is that shown by the maximum shaded thermometer. The residue is somewhat less than the actual effect of the sun's rays, since the maximum air temperature is produced an hour or two later than the maximum solar effect; but on an average, the error arising from this source may be regarded as uniform.

The above are the precautions that have been taken hitherto to obtain observations that may be fairly comparable with each other at one and the same station. In some instances it has been found that the substitution of a new thermometer for one that has been injured or accidentally destroyed has been followed by such a change in the average value of the readings, as to induce a suspicion that some uneliminated error affects the readings of the substituted instrument. In order, therefore, to distinguish those registers that are not open to any suspicion of this kind, lists have been given in the reports for the seven previous years of all the changes, both of the instruments employed and of their position or mode of exposure, that have been made in the twelve years 1875—86, as far as the necessary information exists in the Office.

The following is a similar list for the year 1887:—

Dates of any change of the instruments used for registering solar temperature, or of the circumstances locally affecting them.

Stations.	Date of change.	Remarks.
D. I. Khan	20th January 1887	New thermometer substituted.
Peshawar	5th February „	Ditto.
Simla	22nd March „	Ditto.
Mussooree	20th February „	Ditto.
Ditto	12th May „	Ditto.
Agra	13th June „	Ditto.
Bareilly	11th August „	Ditto.
Jhansi	14th June „	Site of observatory changed.
Allahabad	1st April „	New thermometer substituted.
Ghazipur	13th May „	Ditto.
Hazaribagh	19th February „	Ditto.

Dates of any change of the instruments used for registering solar temperature, or of the circumstances locally affecting them—continued.

Stations.	Date of change.	Remarks.
Berhampore	3rd June 1887 . . .	New thermometer substituted.
Hoshangabad	11th April „ . . .	Ditto.
Chanda	10th June „ . . .	Ditto.
Chikalda	25th May „ . . .	Ditto.
Buldana	23rd July „ . . .	Ditto.
Amraoti	18th April „ . . .	Ditto.
Ditto	30th July „ . . .	Ditto.
Ajmere	10th June „ . . .	Ditto.
Surat	26th November „ . . .	Ditto.
Bhuj	30th March „ . . .	Ditto.
Poona	1st June „ . . .	Ditto.
Ratnagiri	18th June „ . . .	Ditto.
Mercara	1st January „ . . .	Site of observatory changed.
Amini Divi	1st February „ . . .	Shade thermometer removed to a new shed

Table I [Appendix] gives abstracts of the registers of 113 stations, *viz.*, the means of all readings, the highest and lowest readings in each month, the mean excess of the sun thermometer readings above those of the maximum thermometer in shade, and the greatest and the least differences. The solar radiation observations of a large number of stations for 1887 have been rejected, in consequence of the great discrepancies which they showed. These were in some cases evidently due to carelessness on the part of the observer, and at others to imperfection in the instruments, which gradually increased in amount with time. Several of the abstracts are also very imperfect in consequence of breakage of the instruments. Of the data given in Table I, the mean of all the readings and their mean excess both depend mainly on the frequency and quantity of cloud and haze. These temperatures furnish a rough measure of the average intensity of insolation at the earth's surface, and afford data for the comparison of the slight variations of the intensity of the solar radiation at and near the earth's surface.

Table II, below, gives the average monthly excess temperature of the sun-thermometer, derived from the registers of three years and upwards, except in a few cases, in which the substitution of a new instrument has been followed by such a change in the average value of the readings as to render the present readings not comparable with the previous. It has been assumed in other cases that variations in the instruments used at different times are approximately eliminated by the correction of their readings to a common standard, in the manner noticed in the first paragraph of this section.

Table III gives the differences of the mean excess insolation temperatures in each month of 1887, from the corresponding values in Table II. All have been struck out that, on the grounds of internal evidence, could be inferred to be probably inaccurate.

TABLE II.—*Average Excess of Insolation over the corresponding Maximum Shade Temperatures.*

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Aden . . .	4—6	52·4	52·5	52·7	49·7	47·7	46·8	46·0	46·1	50·7	50·9	49·9	50·9	49·7
Bushire . .	8—11	67·4	69·6	70·7	70·6	66·9	64·9	63·5	64·3	62·9	62·9	64·3	64·6	66·1
Quetta . . .	5—6	62·9	69·2	68·2	68·2	65·5	64·1	63·8	65·6	65·3	65·2	64·8	66·5	65·8
Leh . . .	4—5	60·6	66·5	66·3	67·7	64·9	60·7	55·5	56·9	57·4	60·0	57·6	59·3	61·1
Mooltan . .	8—11	52·2	55·5	56·0	54·6	53·6	50·7	52·1	52·8	51·0	50·9	53·5	52·9	53·0
Dera Ismail Khan .	5—10	54·1	60·2	62·0	62·7	59·3	54·1	54·9	56·0	55·7	54·8	54·3	51·9	56·7
Peshawar . .	9—11	51·2	56·8	59·4	60·0	58·1	54·8	54·0	56·7	56·6	55·9	53·6	52·0	55·8
Murree . .	9—11	60·4	66·1	65·2	66·1	65·2	63·7	64·8	65·4	64·7	61·4	58·7	59·0	63·4
Rawalpindi . .	10—12	50·6	54·2	59·2	61·3	59·9	57·8	58·9	60·1	57·5	54·2	52·3	50·4	56·4
Sialkot . .	4—5	25·9	36·3	41·6	48·7	48·0	47·6	59·0	47·5	44·4	38·5	32·4	27·1	41·4
Lahore 1876 to 1887	11—12	49·8	60·7	64·4	63·4	59·1	56·6	59·7	62·0	59·9	57·7	57·3	55·5	58·8
Lahore 1885 to 1887	3	51·0	64·6	64·5	65·1	61·3	58·3	61·6	62·8	60·4	59·2	57·7	57·0	60·3
Simla . . .	3	?	?	62·2	63·4	?	59·8	52·1	48·5	62·3	65·2	65·1	60·9	?
Delhi . . .	10—12	53·1	56·0	57·0	57·1	54·8	51·6	56·0	57·8	54·8	53·6	52·5	51·9	54·7
Sirsa . . .	8—11	59·8	63·8	63·9	63·8	60·6	58·0	62·0	63·7	61·8	60·2	59·5	58·9	61·3
Chakrata . .	8—10	67·0	69·7	67·7	67·1	66·3	65·0	61·1	63·3	67·2	65·1	63·3	62·6	65·5
Roorkee . .	8—9	54·3	58·8	57·8	57·0	54·8	53·2	56·9	57·6	57·1	56·5	56·1	55·0	56·3
Ranikhet . .	10—11	60·7	63·6	65·0	63·6	62·7	61·4	58·0	60·3	66·2	64·5	63·8	60·8	62·6
Meerut . . .	10—11	53·2	59·1	60·1	60·6	59·5	56·6	58·8	57·9	57·6	55·2	52·7	51·1	56·9
Bareilly . .	7—10	48·0	52·0	52·1	52·8	53·6	52·7	55·2	54·4	54·6	50·0	48·7	46·7	51·7
Agra . . .	9—10	60·0	63·1	63·8	63·5	60·9	58·1	57·5	56·6	60·6	60·1	59·8	59·1	60·3
Lucknow . .	9—12	59·5	62·5	62·2	59·2	58·1	58·5	57·9	61·0	62·1	59·2	58·8	59·2	59·9
Gorakhpur . .	8—9	55·0	57·6	58·4	55·7	55·3	54·8	56·4	56·7	58·7	56·4	55·8	54·0	56·2
Jhansi . . .	9—11	57·9	60·7	60·2	61·9	62·9	60·3	55·8	54·8	61·0	62·6	60·1	57·6	59·7
Allahabad . .	12	56·2	60·1	59·6	57·2	57·0	58·3	59·8	61·8	59·0	56·1	54·4	56·6	58·0
Benares . .	8—9	57·2	59·6	59·7	58·2	57·1	56·6	56·6	56·0	59·7	57·0	56·6	55·5	57·5
Ghazipur . .	4—6	50·5	52·3	52·7	51·1	51·3	52·4	52·7	52·4	55·0	52·0	52·5	50·4	52·1
Katmandu . .	4—5	52·9	58·2	58·1	54·5	57·3	57·9	59·9	57·4	57·2	55·0	50·9	48·7	55·7
Sibsagar . .	7—8	54·3	54·2	53·7	53·2	56·7	57·3	56·0	57·6	58·0	60·1	59·1	56·0	56·4
Dhubri . .	4—6	50·1	52·1	50·7	54·1	56·0	54·1	60·3	57·4	54·2	53·2	51·3	49·6	53·6
Silchar . .	5—6	50·8	52·6	51·4	52·5	51·3	50·6	53·4	53·7	53·0	52·0	50·0	49·5	51·7
Darjeeling . .	3—6	54·4	62·1	65·6	65·1	60·6	57·5	59·8	57·0	56·4	63·4	63·7	59·4	60·4
Purneah . .	5—8	47·7	49·2	51·4	51·3	51·2	49·7	52·7	52·6	52·2	54·1	49·9	47·3	50·8
Patna . . .	6—7	45·0	46·5	46·5	45·9	45·8	46·7	45·2	46·0	47·1	45·8	46·2	44·7	46·0
Hazaribagh . .	3	54·6	?	59·6	59·1	59·9	62·8	64·0	62·3	63·2	62·5	57·9	55·5	?

TABLE II.—*Average Excess of Insolation over the corresponding Maximum Shade Temperatures*—continued.

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Berhampore	5—6	57·3	59·4	58·4	60·5	61·8	62·6	65·0	63·0	63·7	60·8	59·0	57·6	60·8
Burdwan	10	58·9	58·8	57·7	56·2	58·4	58·8	62·0	62·3	62·0	62·0	59·9	58·5	59·6
Jessore	7—9	53·2	54·7	53·0	52·5	54·8	51·7	54·9	53·2	54·8	56·6	55·1	53·3	54·0
Dacca	8—9	56·9	58·1	57·9	59·2	61·5	56·5	60·3	58·2	59·5	60·6	59·5	57·5	58·8
Chittagong	7—8	59·7	60·0	59·8	60·0	59·2	55·0	59·4	60·2	61·7	60·8	57·5	59·0	59·4
Calcutta (*Alipore*)	10—11	54·1	56·5	56·4	56·7	58·3	54·8	56·5	55·9	56·5	57·1	54·6	53·2	55·9
Saugor Island	7—8	60·0	59·2	58·2	59·0	57·8	53·2	53·3	52·5	55·0	57·5	59·8	59·3	57·1
Cuttack	3	49·7	51·6	51·1	50·9	49·4	50·0	45·6	50·2	51·6	51·9	45·5	39·2	48·9
False Point	4—6	54·7	57·8	59·1	59·9	59·7	59·5	57·8	57·3	57·3	57·3	54·0	53·2	57·3
Sambalpur	3	?	45·7	48·1	50·1	53·3	55·6	53·2	56·4	55·9	51·0	45·9	40·6	?
Raipur	9—10	50·7	52·3	55·0	55·7	56·8	55·8	55·8	57·1	59·5	56·8	53·2	50·6	54·9
Nagpur	8—9	58·3	58·6	58·0	59·2	58·6	56·2	52·8	58·7	62·7	62·1	60·1	58·4	58·6
Seoni	10—11	57·8	58·4	58·0	58·2	57·6	54·8	52·8	55·8	62·1	61·0	59·7	57·5	57·8
Jubbulpore	10—11	63·0	64·4	62·5	63·1	62·9	60·7	60·8	63·1	65·4	63·9	61·7	62·0	62·8
Saugor	7—9	61·2	62·4	62·0	62·4	60·7	59·8	57·4	61·2	63·4	60·3	58·9	59·4	60·8
Pachmarhi	8—11	61·8	62·2	62·1	61·1	59·9	59·6	51·4	55·8	63·3	62·3	61·7	60·6	60·2
Hoshangabad	7—11	55·8	56·9	58·2	58·8	58·3	57·8	52·3	55·2	58·2	58·5	56·9	56·1	56·7
Khandwa	6—8	58·4	59·5	59·7	59·8	57·4	57·3	55·9	60·0	61·5	61·3	59·7	57·9	59·0
Chanda	8—9	44·9	46·0	47·0	49·9	50·7	50·1	49·0	51·0	53·0	50·3	45·9	43·7	48·5
Sironcha	10—12	56·3	55·4	54·0	54·2	54·0	53·1	50·6	55·5	59·4	60·1	58·9	55·4	55·6
Chikalda	6—8	65·4	66·4	66·0	66·6	64·9	62·6	55·4	62·2	67·6	70·2	68·0	62·0	64·8
Buldana	7—8	48·8	51·6	54·9	56·2	57·2	56·9	57·2	58·6	56·1	55·1	49·8	46·4	54·1
Akola	6—8	59·7	59·3	59·3	58·6	57·6	56·3	53·3	58·4	60·9	62·0	60·1	59·3	58·7
Amraoti	8—11	55·8	55·4	55·1	54·7	53·7	52·0	50·3	53·8	59·0	58·5	56·4	55·7	55·0
Neemuch	7—8	64·1	64·1	61·8	59·7	58·7	60·2	61·2	63·9	63·6	63·2	63·6	64·8	62·6
Nowgong	5—7	56·6	59·8	58·7	56·5	54·9	53·5	53·6	54·6	57·1	57·0	58·8	56·9	56·5
Sutna	11—12	58·1	59·0	58·4	57·9	57·2	58·1	57·6	59·4	61·6	58·9	58·0	57·3	58·5
Indore	7—9	57·9	59·5	60·2	58·9	57·0	57·7	54·8	58·3	61·3	62·0	58·7	57·7	58·7
Bickaneer	6—8	69·5	73·0	72·5	70·6	66·9	64·4	68·2	70·7	67·0	68·3	69·2	69·1	69·1
Jeypore	7	54·4	58·3	60·3	60·0	58·4	58·4	57·6	59·2	58·4	55·9	53·6	52·7	57·3
Sambhar	6—8	54·5	59·2	60·8	61·7	58·0	56·2	58·4	56·8	56·8	55·4	54·4	52·6	57·1
Ajmere	6—7	51·3	53·1	53·7	53·8	53·2	51·9	53·6	54·6	54·5	51·8	51·6	51·2	52·9
Mount Abu	7—10	62·2	64·5	64·1	62·8	59·0	59·3	54·2	54·4	61·2	61·6	61·3	61·9	60·5
Pachpadra	5—7	61·8	63·4	62·0	62·4	60·9	64·4	65·9	65·6	62·3	59·8	59·8	60·3	62·4

TABLE II.—*Average Excess of Insolation over the corresponding Maximum Shade Temperatures*—continued.

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Jacobabad . .	7—11	59·9	62·5	63·3	63·0	60·0	56·1	57·8	59·8	60·0	59·6	58·8	58·4	59·9
Hyderabad . .	8—10	60·3	61·9	61·6	60·9	57·1	58·0	58·7	61·1	59·1	58·1	59·2	53·0	59·1
Kurrachee . .	10—12	64·9	67·6	69·2	68·6	67·1	67·3	66·9	68·1	68·0	64·9	64·1	63·9	66·7
Bhuj . . .	9—11	63·3	65·3	65·0	62·0	60·3	63·0	62·0	62·4	64·7	61·5	61·2	56·5	62·3
Rajkot . . .	5—8	56·7	57·8	56·8	55·4	52·0	54·3	50·5	56·0	57·2	58·4	56·6	56·9	55·7
Deesa . . .	9—10	53·4	55·7	55·5	54·3	50·9	53·9	54·7	54·8	56·0	52·6	52·4	52·3	53·9
Surat . . .	9—11	56·2	56·9	56·1	55·3	55·3	55·0	53·1	57·9	59·7	56·1	56·0	55·5	56·1
Malegaon . .	9—11	57·8	56·9	57·3	56·0	54·4	55·4	54·5	57·2	60·7	60·1	58·3	56·0	57·1
Bombay . .	11—12	57·3	58·4	57·1	57·3	56·4	50·4	46·2	51·7	55·5	56·8	56·4	56·4	55·0
Poona . . .	7—9	53·7	53·5	53·5	52·7	49·8	51·3	51·1	55·3	58·3	57·1	54·3	53·6	53·7
Sholapur . .	6—8	62·9	62·0	62·2	62·2	59·9	59·3	55·9	60·2	65·0	66·7	62·8	62·2	61·8
Ratnagiri . .	10—11	57·5	58·2	58·2	57·1	56·1	50·7	49·0	53·9	59·0	58·8	56·8	56·6	56·0
Belgaum . .	8—9	60·6	60·6	60·8	59·3	59·0	59·6	58·5	61·1	66·5	65·3	61·9	61·1	61·2
Karwar . .	7—8	61·0	62·2	61·1	60·5	59·9	50·7	46·0	54·7	59·7	61·6	60·0	60·2	58·1
Rajahmundry .	3	?	?	?	?	?	?	?	53·8	?	?	?	?	?
Masulipatam .	3	?	?	?	?	?	?	43·4	45·0	49·4	?	51·7	52·0	?
Secunderabad .	3—4	54·8	54·9	55·3	54·5	53·3	49·2	41·7	47·6	54·4	56·6	54·6	52·5	52·5
Kurnool . .	3	?	?	?	?	?	?	48·4	53·3	54·2	52·1	46·9	44·9	?
Bellary . .	3	?	?	?	?	45·5	45·9	44·3	47·4	47·6	43·9	39·5	35·3	?
Mangalore . .	7—8	60·7	61·4	61·3	59·6	58·7	53·1	52·6	59·2	64·7	63·3	61·4	60·3	59·7
Mercara . .	7—8	66·9	68·3	68·2	67·4	67·9	58·9	53·5	61·3	65·3	68·5	66·5	64·7	64·9
Bangalore . .	5—6	49·0	48·9	49·5	51·1	48·4	46·7	45·0	49·3	50·7	50·2	47·8	47·2	48·7
Salem . . .	5—6	48·2	47·0	44·3	44·6	40·9	39·8	39·0	42·2	44·0	43·0	43·8	43·7	43·4
Wellington . .	5—6	59·5	59·3	57·1	55·7	54·4	52·8	49·3	53·8	57·4	57·2	57·1	54·3	55·7
Coimbatore . .	5—6	53·4	51·5	50·8	50·3	50·3	53·2	52·1	55·6	56·2	53·5	52·2	50·8	52·5
Trichinopoly .	5—6	54·3	53·5	50·9	50·2	45·5	45·9	45·7	48·1	48·9	47·8	47·2	46·6	48·7
Negapatam . .	3	60·6	59·8	58·2	55·5	52·3	50·6	51·3	54·3	56·9	54·4	54·9	?	?
Madura . .	3	53·2	52·6	51·0	50·2	48·4	48·0	?	52·5	53·8	52·2	52·3	48·8	?
Cochin . .	4—6	44·6	44·0	42·6	41·9	39·6	35·7	35·4	40·5	43·2	42·6	42·0	41·6	41·1
Akyab . .	4—6	45·0	47·0	48·3	48·2	48·8	45·0	44·0	43·7	48·2	47·6	43·7	44·5	46·2
Thayetmyo . .	9—11	46·9	47·5	48·9	51·0	55·7	60·8	61·3	61·3	57·6	53·5	49·9	47·5	53·5
Toungoo . .	3—4	58·8	56·0	56·1	57·3	60·7	63·3	58·4	60·7	64·0	61·8	57·6	56·9	59·3
Bassein . .	10—11	56·1	55·4	52·9	54·0	53·7	52·0	49·9	51·3	56·4	59·4	57·2	57·3	54·6
Rangoon . .	9—11	59·1	58·1	57·1	58·6	58·3	57·0	55·3	56·4	61·4	62·4	59·0	59·4	58·5

TABLE II.—*Average Excess of Insolation over the corresponding Maximum Shade Temperatures*—concluded.

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Moulmein . .	9—12	55°1	55°1	56°3	58°3	58°2	56°4	47°7	53°7	58°4	60°8	55°5	51°9	55°6
Mergui . .	7—10	58°9	59°4	59°5	58°8	58°3	51°1	50°0	54°1	58°3	58°7	57°9	57°3	56°9
Port Blair . .	11—12	53°5	53°8	55°8	56°1	51°6	48°9	49°5	52°3	51°3	54°5	52°2	52°2	52°6
Nancowry . .	11—12	58°5	59°4	60°0	58°8	52°7	50°8	51°6	54°4	53°6	55°6	56°0	54°6	55°5

TABLE III.—*Comparison of Excess Sun (over Shade) Temperatures in 1887, with the averages of Table II.*

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Bushire	+0°1	— 1°1	+3°0	+3°2	+3°4	—1°7	—1°1	—2°4	—6°4	—6°3	—6°6	—9°1	—2°1
Quetta	—3·3	— 3°0	+2·8	+3·5	+1·3	+2 8	+1°6	+1°5	+2°4	+0·2	—1°1	—1·8	+0·6
Leh	—0·6	— 1·9	—3·6	—3°0	—1°5	—0°7	—2°0	—2°1	—1°4	—1·8	—2°5	—0°3	—1·8
Mooltan	+1°5	— 3·8	+1°1	—3·3	+0°3	+1°5	+4·4	+6·3	P	P	P	P	P
Dera Ismail Khan . .	P	+ 8·5	+4·2	+2·7	—2·0	—2·8	—3·3	—2·2	—3·7	—0·6	—1·0	+0·6	P
Peshawar . . .	P	+ 1·6	+0·8	+1·4	+0·4	+4·0	+2·1	+3·0	+0·4	—0·5	—0·1	—1·8	P
Murree	+0·3	— 4·2	—3·3	—1·1	—3·4	—4·2	—4·6	—5·0	—4·1	—3·2	—0·5	—0·4	—2·8
Rawalpindi . . .	+0·6	— 2·2	—6·1	—5·4	—6·2	—4·4	—7·1	+5·8	+5·1	—3·6	—4·4	—0·6	—2·4
Sialkot	+3·5	+ 7·3	+5·9	+4·6	+3·8	+4·7	—5·1	+2·9	+4·3	+4·9	+5·7	+5·5	+4·0
Lahore 1876-87 . .	+7·4	+ 4·5	—1·1	+1·2	+0·2	—0·2	+1·4	—2·2	+0·7	+1·4	+1·2	+2·4	—1·4
Lahore 1885-87 . .	+6·2	+ 0·6	—1·2	—0·5	—2·0	—1·9	—0·5	—3·0	+0·2	—0·1	+0·8	+0·9	0
Simla	P	P	—2·6	—2·7	P	+0·6	—6·4	—3·9	—4·0	—0·3	—0·9	+2·3	P
Delhi	—1·2	— 4·4	—4·7	—5·3	—7·3	—2·0	+1·0	—1·4	—2·1	—5·7	—4·9	—5·0	—3·6
Sirsa	—0·7	— 1·0	—1·4	—0·4	—3·2	—5·5	—0·6	+0·5	—0·5	—1·4	—1·4	—2·6	—1·5
Chakrata . . .	+2·4	— 4·1	—1·7	—3·5	—5·5	—4·6	—1·3	—3·1	—8·9	—2·5	—2·7	—2·1	—3·1
Roorkee	—5·9	+ 0·8	+0·5	+0·9	+0·3	+2·7	—4·2	+2·1	—1·5	—0·3	+0·5	+1·0	—0·3
Ranikhet . . .	—6·6	+ 2·2	—3·1	—1·0	+0·2	+1·9	+6·0	—1·5	—0·6	+4·1	+2·9	+3·0	+0·6
Meerut	—4·8	— 1·6	+0·6	+1·7	—1·1	—0·2	+0·3	—0·1	+0·5	+2·2	+1·8	—0·2	—0·1
Bareilly	—1·8	— 2·5	0	+2·4	—1·3	+0·1	+6·1	+5·6	+0·1	0	—2·5	—1·7	+9·4
Agra	—0·1	— 0·8	—0·8	—1·2	—2·3	—1·1	+1·0	—9·5	—5·0	—0·5	—1·6	—1·8	—2·0
Lucknow . . .	—1·4	— 5·2	—2·4	—1·5	—2·4	—2·6	+0·4	—5·2	—1·2	—4·6	—3·6	—6·7	—3·0
Gorakhpur . . .	+0·2	— 1·3	—0·1	+0·8	—1·9	—0·2	+2·8	—2·1	—1·5	—2·5	0	—0·1	—0·5
Jhansi	+1·8	+12·4	+8·8	+5·9	+1·3	P	P	P	P	P	P	P	P
Allahabad . . .	+3·4	0	—0·4	+1·3	+0·5	+1·3	+0·6	+0·1	+2·7	+0·1	+4·9	+3·0	+1·5

TABLE III.—*Comparison of Excess Sun (over Shade) Temperatures in 1887, with the averages of Table II*—continued.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Benares	− 0·3	+1·4	+0·9	+0·2	−3·1	+ 0·3	+ 1·9	+ 0·9	+0·2	− 1·4	+ 1·2	+0·3	+0·2
Ghazipur	0	−1·5	−1·8	P	P	+ 4·4	+ 6·7	+ 6·5	+6·3	+ 3·5	+ 6·9	+5·5	P
Katmandu	+ 2·3	+0·1	+1·4	+3·2	−1·5	− 1·4	+ 1·8	+ 1·1	−0·9	+ 1·9	− 1·8	−1·3	+0·4
Sibsagar	− 3·4	+2·9	−0·2	+2·8	+2·1	− 1·3	+ 1·3	+ 2·0	+0·2	− 0·8	− 1·6	+1·5	+0·5
Dhubri	+ 5·6	+4·3	+5·8	+5·7	+3·4	− 0·7	+ 4·1	+ 4·7	+2·2	− 0·7	+ 0·3	−2·2	+2·7
Silchar	+ 0·2	−2·1	−2·8	−1·8	−0·7	− 2·8	− 2·4	0	+1·0	+ 1·2	− 1·2	−1·8	−1·1
Darjeeling	−13·2	−4·0	+0·9	+0·7	−8·0	− 8·4	− 3·2	− 3·6	−1·1	− 3·2	− 2·6	+2·0	−3·6
Purneah	− 3·4	−3·0	−4·0	−2·4	−9·0	− 6·0	− 4·1	− 5·7	−2·8	− 5·4	− 3·7	−3·6	−4·4
Patna	+ 0·1	−0·4	−0·7	+0·4	−3·9	− 0·4	+ 3·3	+ 3·1	−2·4	− 2·1	− 1·5	+0·5	−0·3
Hazaribagh	− 1·6	P	−0·3	+1·0	−0·6	− 1·1	+ 0·9	+ 1·8	+1·0	− 0·9	− 0·1	+1·1	P
Berhampore	− 2·3	−3·9	−2·1	−5·8	−5·7	− 4·7	− 2·5	− 2·8	−3·7	− 3·8	− 3·9	−3·3	−3·7
Burdwan	−·0·8	−0·6	−0·4	−1·0	−1·5	− 3·6	− 1·3	+ 0·2	−2·0	− 1·0	− 1·8	−1·6	−1·3
Jessore	+ 2·0	+0·1	+0·5	−1·1	−1·2	− 3·2	− 2·3	+ 1·4	+3·5	− 0·4	− 0·8	−0·2	−0·1
Dacca	− 3·8	−4·1	−3·1	−3·5	−6·4	− 4·5	− 3·1	− 3·1	−1·5	− 5·1	− 6·2	−6·4	−4·2
Chittagong	− 4·1	−1·9	−4·3	−3·6	−5·2	− 0·4	− 3·5	− 0·3	−1·1	− 2·0	− 1·3	−3·2	−2·6
Calcutta (*Alipore*)	− 0·4	+0·1	−0·6	−1·7	0	+ 1·5	− 3·3	+ 3·5	−0·4	− 0·3	− 3·6	−1·6	−0·5
Saugor Island	+ 0·1	+1·0	−0·9	+0·1	−4·4	− 1·7	− 2·1	+ 1·6	−4·5	− 2·5	− 6·6	−0·2	−1·7
Cuttack	+ 1·6	+1·6	+0·6	+2·5	−1·0	+ 3·4	+ 1·9	+ 7·6	+0·7	+ 0·3	− 9·3	P	P
False Point	− 5·4	−4·2	−7·0	−5·8	−8·2	− 4·8	−11·6	− 6·1	−7·3	− 9·0	− 7·4	−5·0	−6·8
Sambalpur	P	+0·7	−0·1	0	−2·0	+ 2·6	− 3·5	− 1·4	+0·6	+ 0·3	+ 0·6	+1·9	P
Raipur	+ 8·9	+7·8	+3·3	+4·3	+0·6	+ 1·5	− 2·4	− 3·8	+5·5	+ 6·9	+ 7·0	+8·0	+4·0
Nagpur	− 0·7	−0·4	+0·7	+0·4	−1·4	− 1·1	− 5·4	− 6·0	−0·2	− 2·2	− 1·6	−1·3	−1·6
Seoni	− 2·0	−1·2	+0·9	+2·2	−0·9	− 0·6	− 5·0	− 6·0	−0·3	− 3·3	− 1·3	−0·6	−1·5
Jubbulpore	− 2·7	−1·1	−1·1	−0·6	−1·5	+ 0·2	− 3·7	− 2·1	−4·6	−10·1	−10·0	−9·1	−3·9
Saugor	− 5·5	−5·6	−4·2	−4·3	−6·4	−10·0	−13·8	−10·6	− 5·2	− 3·0	− 3·6	−4·1	−6·4
Pachmarhi	− 0·8	−0·9	−1·2	−0·5	−3·2	− 1·3	− 5·8	− 9·5	−2·0	− 3·4	− 2·0	−1·8	−2·7
Hoshangabad	P	−8·7	−3·3	−0·9	−3·5	0	− 2·1	− 0·3	+1·3	− 1·9	− 1·4	+0·3	P
Khandwa	− 1·3	−0·5	−0·7	+0·9	−4·5	+ 1·5	− 2·8	− 2·2	+0·6	− 2·6	− 0·6	−0·2	−1·0
Sironcha	P	P	P	−3·7	−3·6	+ 0·3	− 8·0	− 4·4	−2·1	− 0·1	− 2·4	−3·7	P
Chikalda	− 8·8	−5·6	−5·9	−4·7	−7·1	− 4·6	−14·0	−11·4	−7·4	− 7·6	− 6·0	−1·5	−7·1
Amraoti	− 1·0	+0·5	+0·4	−0·3	−2·2	− 2·8	P	− 5·0	−3·2	− 4·1	− 0·6	−3·5	P
Neemuch	+ 4·5	P	P	P	+3·0	+ 3·6	+ 4·2	+ 1·9	−2·2	+ 4·7	+ 1·1	−0·5	P
Nowgong	+ 1·0	−0·5	+0·2	+1·0	+1·4	+ 1·8	+ 0·4	− 1·0	+0·8	− 0·5	− 1·3	+0·8	+0·3

TABLE III.—*Comparison of Excess Sun (over Shade) Temperatures in 1887, with the averages of Table II*—continued.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Sutna	+0·3	−3·8	−4·5	−3·8	−4·2	− 3·9	− 1·7	−1·9	−4·3	−4·3	−1·2	−3·5	−3·1
Indore	−0·5	−1·1	−1·6	+0·5	−3·5	− 1·6	− 5·4	−5·0	−4·2	−1·9	−2·6	−2·2	−2·4
Bickaneer	−1·5	−2·6	−2·3	−0·5	−1·5	− 1·3	+ 2·8	+3·7	+0·7	−1·6	−4·2	−3·4	−1·0
Jeypore	−2·2	−1·2	−0·5	+0·5	−1·7	− 0·3	− 2·0	−2·2	0	−0·1	+0·7	−0·7	−0·8
Sambhar	−4·2	−2·3	−1·9	−4·4	−8·5	− 8·0	− 9·1	−5·4	−3·7	−0·9	−1·3	−0·9	−4·2
Ajmere	−7·3	−9·0	−8·1	−8·0	?	+ 2·0	− 3·4	+2·6	+1·0	+5·2	+7·0	+5·6	?
Mount Abu	−4·4	−5·6	−5·0	−4·9	−6·1	− 4·4	−10·0	−7·0	−5·2	−5·5	−6·4	−2·5	−5·6
Pachpadra	−2·2	−4·1	−2·2	−2·5	−4·0	− 5·0	− 4·2	?	−4·5	−1·7	−2·2	−3·2	?
Jacobabad	−1·0	−1·3	+3·3	+0·8	−0·7	+ 0·5	0	−0·7	+0·5	+1·2	+0·9	−0·7	+0·2
Hyderabad	+1·9	+1·3	+3·4	+1·7	+2·2	+ 1·2	− 0·5	+2·9	+0·6	−0·3	+0·7	?	?
Kurrachee	+1·8	+0·9	+0·2	−1·1	−0·8	− 1·8	− 3·3	+1·4	+1·5	+1·2	+1·3	+2·2	+0·3
Bhuj	−3·4	−5·2	?	−2·9	−2·3	− 1·3	− 4·9	−3·9	−3·6	−2·7	−3·9	+0·9	?
Rajkot	0	−0·6	−3·4	−3·2	−1·7	− 1·5	− 1·9	−4·5	+1·6	+0·8	+0·2	−0·9	−1·3
Deesa	+3·3	+0·5	+1·2	+3·1	+1·4	+ 1·7	+ 1·0	+0·5	+2·0	+2·4	+2·2	−1·5	+1·5
Surat	−0·6	−1·5	−0·8	−2·4	−0·7	+ 0·6	− 8·2	−5·0	+1·6	+0·2	?	−1·9	?
Malegaon	−3·8	−2·3	−2·9	−0·6	−2·0	+ 1·4	− 3·8	−2·8	+0·4	−1·8	−2·0	−4·0	−2·0
Bombay	+0·4	+0·5	−0·7	+0·2	+1·1	− 3·2	− 0·3	+1·9	−2·0	+0·3	−0·9	−2·5	−0·4
Poona	−3·2	−2·8	−2·5	+0·4	−0·7	+ 4·5	− 3·2	−0·5	+3·6	+2·1	+2·0	+1·9	+0·1
Sholapur	−5·8	−4·3	−5·3	−2·7	−8·2	− 3·0	− 6·9	−3·5	−2·7	−5·4	−3·4	−5·6	−4·7
Ratnagiri	+1·4	−0·1	+1·2	+0·5	+1·2	+ 4·1	− 0·7	+0·2	+3·7	+1·1	+1·9	+0·6	+1·3
Belgaum	−2·6	−3·1	−3·3	−3·5	0	− 7·0	− 4·5	−4·0	−0·7	−5·2	−1·8	−4·5	−3·4
Karwar	−2·5	−4·1	−3·5	−3·7	−2·8	−10·6	− 3·0	−3·5	−4·5	−3·0	−1·1	−2·9	−3·8
Rajahmundry	?	?	?	?	?	?	?	+0·9	?	?	?	?	?
Masulipatam	?	?	?	?	?	?	?	+2·0	+0·4	?	−5·6	−2·3	?
Secunderabad	+3·2	+3·4	+1·5	+3·2	+0·9	+ 4·0	− 1·2	+1·7	+3·9	+2·8	+1·5	+2·3	+2·3
Kurnool	?	?	?	?	?	?	− 6·1	−2·2	−0·2	+0·2	−1·0	+1·6	?
Bellary	?	?	?	?	−1·0	+ 1·5	− 0·7	+0·8	−1·2	−0·4	−0·3	−0·6	?
Mangalore	−1·1	−1·4	−1·0	−0·9	−0·6	− 5·6	− 1·9	+1·4	−5·0	−3·7	−1·1	−0·7	−1·8
Mercara	−0·6	+0·6	−0·2	−0·4	+0·2	?	?	?	?	?	?	?	?
Bangalore	−1·8	−2·5	−2·2	−3·3	−4·0	− 0·3	− 1·4	−1·9	−0·4	−3·7	+0·2	+0·1	−1·8
Salem	+1·1	+2·6	+1·9	+2·0	+3·1	+ 3·1	+ 1·7	+1·7	+3·7	+0·2	+2·8	−1·4	+1·9
Wellington	+2·8	+2·7	+1·6	+2·4	+4·4	+ 2·0	+ 4·2	+5·1	+2·4	+0·3	+3·4	−0·3	+2·6
Coimbatore	+2·3	+2·1	+0·9	+1·6	?	?	− 1·4	−1·2	−2·4	−5·3	−5·8	−8·7	?

TABLE III.—*Comparison of Excess Sun (over Shade) Temperatures in 1887, with the averages of Table II*—concluded.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Trichinopoly . . .	+2·2	+0·4	−0·6	+2·0	+1·5	+ 3·4	+ 1·6	+2·0	+1·9	−1·7	+4·4	+1·7	+1·6
Negapatam . . .	−0·5	−0·4	−3·4	−2·9	−1·4	0	− 2·0	−3·1	−3·0	−4·0	+1·5	?	?
Madura	−1·6	+0·9	−0·1	+1·5	−0·5	+ 0·2	?	−1·6	−2·1	−3·8	−3·5	−6·5	?
Cochin	?	−2·2	−2·8	−6·4	−5·3	?	?	−0·3	−2·2	−1·6	−1·0	−2·2	?
Akyab	+1·1	+1·8	+2·4	+3·5	+4·5	+11·7	+ 4·7	+3·7	+3·1	+2·9	+2·4	+1·4	+3·6
Thayetmyo . . .	−4·9	−3·7	−2·5	−0·8	−1·5	− 4·4	− 7·5	−5·2	−4·3	−4·8	−8·8	−4·3	−4·4
Toungoo	+0·7	−1·3	−2·1	−2·0	−2·1	− 3·2	−10·2	−3·7	−2·7	−0·6	0	−2·2	−2·5
Bassein	−1·1	−0·7	−7·5	+2·6	−1·8	+ 0·3	− 3·7	−0·9	−4·4	+1·1	+0·5	−3·1	−1·6
Rangoon . . .	−3·8	+1·3	+3·4	−1·2	−1·5	− 0·3	− 5·1	−1·0	−5·0	0	−2·6	−5·0	−1·7
Moulmein . . .	+2·6	+0·7	+2·0	+3·1	−1·0	+ 1·2	− 5·8	+1·2	−7·0	+2·0	+2·0	+1·9	+0·2
Mergui	−1·1	−0·5	+1·1	−1·8	+0·7	+ 1·4	+ 0·5	+0·4	−6·0	−1·2	+2·3	−0·1	−0·4
Port Blair . . .	−2·0	−0·1	+1·2	+3·0	−1·4	+ 0·6	+ 0·5	+3·9	+6·0	+1·7	+1·4	−2·4	+1·0
Nancowry . . .	+1·4	−6·1	−3·3	+3·0	−2·7	− 5·3	− 2·4	−3·3	−5·5	+0·5	−5·6	?	?

A brief summary of the more important facts of Table II may be of interest.

It is well known that a body exposed to the direct heat of the sun is much hotter than if kept in the shade, and that the effect varies very considerably at different places and at different seasons of the year. It evidently depends upon a number of causes. It varies, for example, with the amount of cloud and the humidity of the atmosphere and upon the thickness of the air traversed by the solar radiation (*i. e.*, the altitude of the sun). There may also be actual variations in the solar activity itself which will, of course be reproduced in the effect at the earth's surface.

The measurement of the intensity of solar radiation at the earth's surface, by means of the solar thermometer, is unfortunately mixed up with another effect, *viz.*, the heating of the bulb by radiation from the surrounding objects (more specially in the dry hot season). This heating by the surface soil, &c., is of course due indirectly to the solar radiation, but depends for its amount, not only on the intensity of the solar radiation, but upon the dampness or dryness of the soil and similar factors. Hence the disturbing effect is not throughout the year proportional to the intensity of the solar radiation (although it may be for a small portion of the year) and the total effect (*viz.*, the direct effect of the sun's action, together with the indirect effect due to the adjacent surface and surrounding objects) is not directly proportional to the sun's heating effect and cannot be accepted as a proper and adequate measure of it.

The difference between the temperature of a body near the earth's surface, when kept in the shade and when exposed to the sun, is an element of some importance from various points of view, and may be called for the sake of brevity the effect of exposing a body to the sun.

The following table gives the months of maximum solar heating effect at the earth's

surface, or of the greatest monthly differences between the temperature in the shade, and the temperature indicated by a solar radiation thermometer suitably exposed.

District.	Month of greatest difference between shade and open air temperatures.
Southern India	January
Hills (North-West Himalayas)	February.
Bengal Hills	March.
North-Western Provinces	February or March.
Rajputana and Central India	Ditto at majority of stations.
Punjab and Leh	April.
Central Provinces	September.
Bombay	September.
Bengal	Very variable, but generally from July to October.

The preceding table shows that the average effect of exposure to the sun (as determined by monthly means) is greatest in Bombay, Madras, the Central Provinces, and Bengal during the latter part of the south-west monsoon, when the skies are frequently clear of cloud, and the atmosphere is free from dust and most homogeneous, and the sun's altitude is still considerable. *In Upper and* Central India, on the contrary, the effect is greatest in the months of March and April. It thus coincides with the period of greatest dryness of the air and the surface soil and of the most rapid increase of temperature.

The following table gives the months of least average difference between the shade and open air temperatures, as measured by the ordinary and solar radiation thermometers :—

District.	Month of least average difference between shade and open air temperatures.
West Bengal	December and January.
Assam	Variable, April to June.
Bay Islands	June.
Madras and Southern India	May and June.
Central India	May to July.
East Bengal	June.
Central Provinces	July.
Bombay, Deccan and Mysore	July.
Burma (Pegu)	July.
North-Western Provinces	November or December.
Punjab	November to January.
Sind and Rajputana	October to December.

Hence, over the whole of India south of the Satpuras, the period of least difference is in the first or second month of the rains (*i. e.*, June or July) and is hence determined by the amount of cloud and aqueous vapour present in the atmosphere. On the other hand, over the whole of Northern India, except East Bengal and perhaps Assam and Pegu, the period of least difference coincides with the coldest months of the year or varies between the months of November and January. It is hence (although skies are generally free from cloud over the greater part of Northern India) mainly determined by the low elevation of the sun at that time of the year.

The differences here pointed out between Tropical and Extra-tropical India form one feature of a more general and wider contrast of conditions, which shows itself mainly in the normal meteorological conditions, but to a considerable extent in the abnormal conditions.

The results given in Table III show such large and inexplicable difference between the anomalies of neighbouring stations, even in cases where the observers are known to be thoroughly trustworthy and accurate in their work, as to make it certain that the observations are vitiated partly by instrumental imperfections and partly by slight but unknown differences of local conditions of exposure. It is sufficient to refer to the following pairs of stations in the table, to see the extent of variation possible even under the most favourable conditions for these observations in India :—

Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Sialkot	+3·5	+7·3	+5·9	+4·6	+3·8	+4·7	−5·1	+2·9	+4·3	+4·9	+5·7	+5·5	+4·0
Rawalpindi	+0·6	−2·2	−6·1	−5·4	−6·2	−4·4	−7·1	+5·8	+5·1	−3·6	−4·4	−0·6	−2·4
Lucknow	−1·4	−5·2	−2·4	−1·5	−2·4	−2·6	+0·4	−5·2	−1·2	−4·6	−3·6	−6·7	−3·0
Allahabad	+3·4	0	−0·4	+1·3	+0·5	+1·3	+0·6	+0·1	+2·7	+0·1	+4·9	+3·0	+1·5
Rajkot	0	−0·6	−3·4	−3·2	−1·7	−1·5	−1·9	−4·5	+1·6	+0·8	+0·2	−0·9	−1·3
Deesa	+3·3	+0·5	+1·2	+3·1	+1·4	+1·7	+1·0	+0·5	+2·0	+2·4	+2·2	−1·5	+1·5
Akyab	+1·1	+1·8	+2·4	+3·5	+4·5	+11·7	+4·7	+3·7	+3·1	+2·9	+2·4	+1·4	+3·6
Thayetmyo	−4·9	−3·7	−2·5	−0·8	−1·5	−4·4	−7·5	−5·2	−4·3	−4·8	−8·8	−4·3	−4·4
Belgaum	−2·6	−3·1	−3·3	−3·5	0	−7·0	−4·5	−4·0	−0·7	−5·2	−1·8	−4·5	−3·4
Secunderabad	+3·2	+3·4	+1·5	+3·2	+0·9	+4·0	−1·2	+1·7	+3·9	+2·8	+1·5	+2·3	+2·3

The figures in the preceding table are by no means so striking as many that might have been quoted from the preceding table. Six at least of the observatories selected (*viz.*, Lucknow, Allahabad, Deesa, Akyab, Belgaum and Secunderabad) are amongst the best conducted in India, and the observations at these stations may be accepted as thoroughly reliable. The other four observatories are fair examples of the ordinary third class observatories in India. The observers have the reputation of being intelligent and are generally careful and accurate in their work, and their observations may be accepted as approximately correct.

The large contrasts between the results at neighbouring stations (even in the cases where the observations are known to be accurately taken) show most clearly the unsatisfactory character of this method of observing the solar radiation; and also indicate that the variations from month to month and from year to year are mainly due, either to instrumental defects or changes, or to differences of local conditions, the separate effects of which it is not possible to estimate. Hence these observations appear to be utterly useless for determining variations in the absolute intensity of the solar radiation from year to year.

One great cause of the variations, even where the observations are known to be accurately taken, is the frequent change of thermometers due to breakage or other causes. At several of the stations named in the preceding table there have been at least five changes of thermometers during the past ten years, and the means obtained from such a variety of instruments (which it is impossible to standardize) are almost useless for comparison and are too untrustworthy to form a basis of discussion.

The following table gives the mean annual differences between the temperatures indicated by the solar thermometer, and the maximum in shade thermometer at all the stations in which no change of instrument has occurred for some years (except Bombay where a fresh instrument was brought into use in the beginning of 1885). The stations in question, it will be observed, are situated in every part of India.

	Bushire.	Ranikhet.	Gorakhpur.	Meerut.	Roorkee.	Sibsagar.	Silchar.	Calcutta.	Burdwan.	Dacca.	Patna.	Khandwa.
1877	...	...	...	...	...	...	...	...	...	...	...	...
1878	...	...	...	61·3	...	...	...	56·0	61·3	...	...	...
1879	67·5	...	...	58·0	...	...	...	56·1	61·3	...	...	...
1880	63·1	...	P	55·1	56·9	...	...	56·1	60·7	61·5	...	...
1881	64·9	64·6	P	55·4	57·2	56·3	...	55·0	60·4	60·0	...	59·6
1882	66·4	63·3	57·4	53·6	57·4	56·6	...	56·4	59·1	60·6	47·2	58·8
1883	66·0	62·9	55·8	P	56·5	57·7	50·8	56·9	59·0	60·0	45·2	58·6
1884	64·7	62·8	54·8	57·1	55·8	56·9	52·8	55·1	58·9	57·9	46·3	P
1885	65·3	64·2	55·6	58·0	54·6	54·5	52·0	55·3	58·5	56·9	45·5	59·2
1886	67·1	62·5	54·8	57·0	54·0	56·2	50·7	56·2	58·5	55·8	45·6	59·6
1887	64·0	63·2	55·7	56·8	56·0	56·8	50·6	55·4	58·3	54·6	45·6	58·0
Average 1880—1887	65·2	63·4	55·7	56·1	56·1	56·4	51·4	55·8	59·2	58·4	45·9	59·0
Variation 1887	−1·2	+0·2	0	+0·7	−0·1	+0·4	−0·8	−0·4	−0·9	−3·8	−0·3	−1·0

	Sironcha.	Kurrachee.	Rajkot.	Bombay.	Belgaum.	Malegaon.	Chittagong.	Hassein.	Rangoon.	Port Blair.	Nancowry.
1877	59·0	...	...	60·0	...	...	...	P	...	55·1	60·0
1878	57·6	...	...	56·7	...	...	...	57·9	...	54·0	P
1879	56·5	...	...	55·5	...	...	...	P	...	52·6	56·9
1880	55·7	...	...	53·9	65·0	...	P	55·3	...	54·0	55·2
1881	55·6	P	P	54·3	63·0	P	61·1	54·8	P	50·5	54·7
1882	55·0	65·4	P	52·7	62·0	56·8	61·2	53·4	59·3	49·6	52·6
1883	53·9	67·0	57·4	51·2	61·1	56·7	60·0	P	57·1	47·8	55·0
1884	52·0	68·5	54·2	50·6	59·6	P	59·2	53·8	59·8	51·8	52·4
1885	52·2	68·8	52·9	57·6	60·4	57·7	57·3	54·3	58·6	54·5	55·9
1886	P	67·2	P	55·9	59·3	56·5	57·6	54·4	57·7	54·4	58·3
1887	P	67·0	54·5	54·6	57·8	55·0	56·8	53·1	56·8	53·7	P
Average 1880—1887	...	67·3	5·48	53·9	61·0	56·5	59·0	54·1	58·2	52·0	...
Variation 1887	...	−0·3	−0·3	+0·7	−3·2	−1·5	−2·2	−1·0	−1·4	+1·7	...

The annual means for 1887 are compared in the preceding table with the mean of all the years for which observations have been taken. It will be seen that the variations, in no case except Belgaum and Dacca, exceed 2°, and in fourteen out of the twenty-one cases do not exceed 1°. The series of results for Belgaum almost certainly indicate that the instrument has become less sensitive, and that a portion (at least 2°) of the total difference 3·2° is due to this cause. It is hence very probable that the observations at all stations where the difference for the year from the normal exceeds 2° or 3°, are vitiated by change of instruments.

An examination of the last table shows, however, another defect, *viz.*, that the instruments used for these measurements in India, in the great majority of cases, become less sensitive year by year, and the law of change differs very considerably in different instruments, even of those by the same maker.

The observatories of the highest character in the above list are Roorkee, Calcutta, Burdwan, Dacca, Chittagong, Bombay and Belgaum, and after these Sironcha and Malegaon.

An examination of the annual averages of every one of these stations except Calcutta shows most clearly this decrease of sensibility on the part of the instruments. Thus at Bombay the annual average of the solar radiation measurements fell steadily from 60° in 1877 to 50°·6 in 1884, and suddenly increased to 57°·6 in 1885, with the introduction of a new instrument.

The following table gives the differences between the annual average of the first year in which the solar radiation thermometer was used at the above-named stations and that of each of the succeeding years:—

Difference between annual average of first year and that of—

	Second year.	Third year.	Fourth year.	Fifth year.	Sixth year.	Seventh year.	Eighth year.
Bombay	−3·3	−4·5	−6·1	−5·7	−7·3	−8·8	−9·4
Sironcha	−1·4	−2·5	−3·3	−3·4	−4·0	−5·1	−7·0
Chittagong	−1·2	−2·0	−3·9	−3·6	P	P	P
Dacca	−1·5	−0·9	−1·5	−3·6	−4·6	−5·7	−6·9
Roorkee	+0·3	+0·5	−0·4	−1·1	−2·3	−2·9	P
Burdwan	0	−0·6	−0·9	−2·2	−2·3	−2·4	−2·8
Belgaum	−2·0	−3·0	−3·9	−5·4	−4·6	−5·7	−7·2
Malegaon	−0·1	P	+0·9	−0·3	−1 8	P	P
Calcutta	+0·1	+0·1	−1·0	+0·4	+0·9	−0·9	−0·7

The figures of the preceding statement indicate most clearly that at every one of these stations except Calcutta, the instruments became less and less sensitive year by year to the action of radiation. Hence also the means of these stations would be influenced by the change, and also, for some years at least after the general use of this instrument, the mean of all the years of observation would, independently of any other cause, be in excess of the mean of the last year of the series. In other words the mean annual anomalies deduced from such means should be steadily negative, and tend to increase in amount (up probably to

a limit depending upon the rate of introduction of new instruments into use). This inference, it will be seen, is confirmed by the annual variations given in a succeeding paragraph.

It is hence not necessary to consider the solar radiation measurements of the past year in detail. These observations have been discontinued from the end of the year 1887, except at a few selected stations, where special arrangements will be made for continuing them, and they will also in future be utilized mainly as the subject of special discussion, and be very briefly referred to in future Annual Reports.

Employing the figures to make a comparison similar to that which has been made for some years in the Annual Reports, we have, by taking the sum of the figures in each monthly column of Table III, with the exclusion of the first three stations, and dividing by the number of stations furnishing averages for each month (varying from 88 to 96), the following variations for each month of 1887 :—

January.	February.	March	April.	May.	June.	July.	August.	September.	October.	November	December.
—0·9	—0·9	—1·0	—0·6	—1·9	—0·9	—2·2	—1·1	—1·1	—1·2	—1·1	—1·3

The results are fairly consistent, and apparently shew that in every month of the year the mean equilibrium temperature of insolation throughout India, as thus determined, was below the average of the past ten or eleven years by amounts varying from 0·6° to 2·2° and averaging 1·2° for the year. The deficiency, although large, accompanied very considerable irregularity, and the most carefully conducted observatories of Calcutta, Jeypore and Bombay show large variations evidently due to local conditions. The variations at these stations are given in the following table :—

Stations.	January.	February	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Calcutta .	—0·4	+0·1	—0·6	—1·7	0	+1·5	—3·3	+3·9	—0·4	—0·3	—3·6	—1·6	—0·5
Bombay .	+0·4	+0·5	—0·7	+0·2	+1·1	—3·2	—0·3	+1·9	—2·0	+0·3	—0·9	+1·0	—0·4
Jeypore .	—2·2	—1·2	—0·5	+0·5	—1·7	—0·3	—2·0	—2·2	0	—0·1	+0·7	—0·7	—0·8

The following are the annual mean anomalies for the period 1880 to 1887 :—

1880 +0·4° 1881 —0·3° 1882 —0·6° 1883 —1·0° 1884 —1·7° 1885 —1·1° 1886 —1·2° 1887 —1·2°

It has been explained above that it is probable the negative character of these variations, and their increasing magnitude, are mainly due to the gradual decrease of sensitivity on the part of the instruments.

DURATION OF BRIGHT SUNSHINE.

The registration of the *duration of bright sunshine* is effected by means of the sunshine recorder, an instrument originally devised and first employed by Mr. Campbell of Islay, subsequently modified in such a manner as to furnish a trace capable of ready measurement, and finally improved to its present form by Professor G. Stokes and Mr. Whipple. It consists of a spherical glass lens, mounted on a brass support, which also carries a curved brass plate fixed beneath the sphere, of such curvature, and at such distance from the spherical surface, that the focal point, in which the sun's rays converge travels across the surface of the plate between sunrise and sunset. A slip of card, with printed divisions, corresponding to the hours, is inserted in grooves in the brass plate. As the radiant focus moves along the card, it burns a line, which is either continuous or interrupted, according to the state of the sky, and the measurement of which is a record of the time during which the sun shone with sufficient intensity to burn the surface of the card. The instrument is in use at Allahabad, Calcutta, Jeypore, Lahore, Dehra, and Bombay. The traces are measured to tenths of an hour, but in summing the daily totals for each month, residual decimals are omitted, and in Table II (Appendix) the totals are given to integral hours only.

The Table II (Appendix) gives the data of the six recording stations for each month of 1887. In the first column the sums of the measured traces are given; in the second the total number of hours that the sun is above the horizon; and in the third, the ratio of the first to the second in the form of a percentage. Table IV (below) gives the averages of the registers at Calcutta, Allahabad, Jeypore and Dehra; and Table V, a comparison of the monthly totals of 1887 with the averages of Table IV.

TABLE IV.—*Average monthly Total Duration of Bright Sunshine.*

STATIONS.		Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Calcutta *(Alipore)*	Average total hours of bright sunshine.	5	277	267	285	297	274	139	122	123	140	247	254	257	2,682
	Total hours of sun above horizon .	...	337	318	371	379	408	403	413	398	367	359	331	333	4,417
	Average percentage ratio of actual to possible sunshine.	...	82	84	77	78	67	34	30	31	38	69	77	77	61
Allahabad	Average total hours of bright sunshine.	5	264	279	303	315	307	216	161	145	235	273	294	259	3,051
	Total hours of sun above horizon .	...	329	312	368	379	410	407	416	400	366	354	324	324	4,389
	Average percentage ratio of actual to possible sunshine.	...	80	89	82	83	75	53	39	36	64	77	91	80	70
Jeypore	Average total hours of bright sunshine.	3-4	238	256	275	271	289	215	150	124	240	282	287	262	2,889
	Total hours of sun above horizon .	...	326	311	368	380	412	408	418	401	365	352	321	320	4,382
	Average percentage ratio of actual to possible sunshine.	...	73	82	75	71	70	53	36	31	66	80	89	82	66
Dehra	Average total hours of bright sunshine.	5-6	140	182	193	214	215	174	103	105	177	241	236	196	2,176
	Total hours of sun above horizon .	...	321	308	368	383	419	416	424	405	366	351	316	315	4,392
	Average percentage ratio of actual to possible sunshine.	...	44	59	53	56	51	42	24	25	48	69	75	62	50

TABLE V.—*Comparison of monthly Total Duration of Bright Sunshine in 1887 with the Averages of Table IV.*

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Calcutta (*Alipore*) . .	+ 2	+12	−11	− 5	−77	−27	−26	+39	−20	−23	+ 3	0	−11
Allahabad . . .	−12	+19	+ 3	+ 7	−66	−20	+ 6	− 7	+22	+19	− 5	+27	− 1
Jeypore	−12	+21	+16	+21	− 6	−27	−37	−29	− 6	+21	− 6	+21	− 2
Dehra	−26	+27	+25	+10	−27	−14	−21	−35	+35	+19	+ 5	+12	+ 1

The preceding tables shew that at Calcutta the average amount of sunshine is proportionally greatest in February, but actually greatest in April, when there is an average of 297 hours of sunshine or between 9 or 10 hours daily. The amount is least in the month of July, when there are only 122 hours of sunshine or between 3 and 4 hours per diem.

At Allahabad the amount is proportionally greatest in November (91 per cent.), but actually greatest in April, with 315 hours of sunshine or 10½ hours daily. The smallest amount proportionally and actually is in August, when there are only 145 hours or 36 per cent. of sunshine.

At Jeypore the amount is proportionally greatest in November (89 per cent.), and actually in May, with 289 hours or 9·3 hours daily. It is least in August with 124 hours or 4 hours daily.

The figures shew much smaller differences between the maximum and minimum conditions of the coast districts of Bengal and the driest parts of the country than might have been expected.

At Dehra, situated in the valley of the Dehra Dun between the Sewaliks and the outer range of the Himalayas, the conditions are somewhat different from those at the plain stations. The amount of cloud is considerably greater. The maximum amount of sunshine is in November with 236 hours or 75 per cent., and October with 241 hours, or 7·8 hours per diem, and the minimum in July with 103 hours or 24 per cent.

As compared with the means of the five years 1883—1887, the proportion of actual to possible sunshine at Calcutta was below the average in seven months. The deficiency was excessively large in May (77 hours or 2·5 hours less per diem), and to a smaller extent in June (27 hours) and July (26 hours), October (23 hours) and September (20 hours). In the month of May and the monsoon months, with the exception of August, skies were much more clouded than usual at Calcutta. The amount of sunshine was normal in one month and above it in four months, *viz.*, August, February, January and November. The only month in which the difference was large was the month of August, which was a very dry month in Bengal. The amount of actual sunshine for the year at Calcutta was 58 per cent. of the day hours in 1887, as compared with a normal percentage of 61 per cent.

At Allahabad the proportion of sunshine was above the average in seven months. The excess was moderately large in the months of December (27 hours), September (22 hours), and February and October (19 hours each). It was in defect in five months, but the only month in which the deficiency was conspicuously large was May when there was 66 hours less sunshine than usual, or an average of upwards of 2 hours less per diem. On

the mean of the year the percentage of sunshine was 69 per cent., or one per cent. below the average of the previous five years.

At Jeypore the amount of sunshine was below the average in seven months, including the whole period May to September, and the months of January and November. The deficiency was large in the months of July (37 hours), August (29 hours), and June (27 hours). It was in excess in five months. In December, October, April and February, there were 21 hours more sunshine in each month than the normal amount, and in March 16 hours. The average proportion of sunshine for the year was 65 as compared with the normal 66 per cent.

At Dehra the amount of sunshine was below the average in five months, including January and the four months May to August. The monthly deficiency ranged from 14 hours in June to 35 hours in August. The excess was large in the months of September (35 hours), February (27 hours), and March (25 hours). The average proportion of sunshine was 50 per cent., and was practically identical with the normal.

In order to ascertain in what measure the total duration of sunshine varies with the average of its maximum daily intensity, the monthly means of the excess sun thermometer readings for the same five years are given, and also the differences of 1887 at Calcutta and Jeypore, in the following Table (VI).

TABLE VI.—*Average Excess of Insolation Temperatures and their difference of 1887.*

STATIONS.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Calcutta (*Alipore*).	Average 1883-87	52·9	56·1	56·1	55·5	58·7	56·4	56·7	58·0	57·0	57·4	52·8	51·5	55·8
	Difference	+0·8	+0·5	−0·3	−0·5	−0·4	−0·1	−3·5	+1·8	−0·9	−0·6	−1·8	+0·1	−0·4
Jeypore	Average 1884-87	53·7	58·3	60·2	60·4	69·0	58·7	58·8	58·7	57·4	55·7	52·7	52·0	57·1
	Difference	−1·5	−1·2	−0·4	+0·1	−2·3	−0·6	−3·2	−1·7	+1·0	+0·1	+1·6	0	−0·7

NOCTURNAL RADIATION.

The tables of nocturnal radiation comprise the registers of 110 stations. Of these, however, not less than 22 are imperfect, owing, in the majority of cases, to the destruction of the instruments, either in this or the preceding year, and to the stock being insufficient to replace them without loss of time.

Table III (Appendix) shews the mean temperatures registered by the exposed minimum thermometers (corrected for instrumental errors), and the highest and lowest temperatures in each month, together with the dates on which they occurred, and also the depression of the first below the mean temperature of the minimum shade thermometer, and the greatest and least depression. At most stations in Northern India, the thermometers, which are spirit thermometers generally with spherical bulbs about half an inch in diameter, but in some cases with cylindrical bulbs $\frac{1}{4}$ inch diameter, are laid on a thick pad of common country blanket. Thus a tolerably uniform radiating surface is secured,

which would not be the case were the usual practice followed, *viz.*, that of placing the instrument on grass, or the bare ground.

The present method has been followed only during the last nine or ten years, and it has not been deemed desirable to include in the computation of average values the results obtained under the previous varied conditions of exposure. Table VII, which follows, gives, therefore, the averages of past years only in so far as the radiation temperatures are those registered under uniform conditions. Table VIII gives the differences of the mean monthly depression for each station in 1887 and the corresponding averages of Table VII.

TABLE VII.—*Average Depression of Monthly Mean Nocturnal Radiation Temperatures below Mean Minimum Shade Temperatures.*

STATIONS.	Years.	January.	February.	March.	April.	May.	June	July.	August.	September.	October.	November.	December.	Year.
Aden	5—8	3·2	2·7	2·8	3·3	3·0	3·6	2·3	2·5	3·8	4·1	4·5	3·6	3·3
Quetta	5—7	10·4	9·9	11·0	13·2	15·7	15·2	12·4	12·8	15·5	16·2	15·1	13·4	13·4
Leh	8—9	10·3	9·1	10·4	10·5	9·6	9·7	9·6	9·6	11·0	13·3	14·0	12·1	10·8
Mooltan	9—10	8·5	9·0	9·8	11·6	11·5	10·6	8·9	7·5	7·9	9·4	8·8	8·9	9·4
Dera Ismail Khan	6—10	9·0	9·6	8·8	9·1	10·8	6·9	5·7	5·5	7·6	9·1	9·2	9·5	8·4
Peshawar	10—11	9·0	8·7	8·2	8·2	9·7	8·9	5·7	5·2	7·1	9·9	10·8	9·8	8·4
Murree	8—11	11·4	10·5	10·4	9·9	10·5	9·7	5·8	5·4	11·4	14·9	16·2	13·8	10·8
Rawalpindi	6—11	5·5	6·2	6·3	7·5	8·6	7·3	5·1	4·1	5·7	7·5	7·2	7·1	6·5
Sialkot	7—9	6·7	6·4	6·8	7·7	7·4	6·4	3·2	3·1	4·4	7·1	7·7	6·8	6·1
Lahore	10—11	9·8	9·9	9·1	9·1	8·9	5·5	3·4	3·8	5·4	8·8	9·8	9·0	7·7
Ludhiana	8—11	9·8	9·2	9·1	8·6	8·3	7·1	3·9	3·7	6·0	10·2	11·3	10·5	8·1
Chamba	3	6·5	6·1	6·4	6·9	6·1	5·6	2·6	2·0	5·0	6·5	11·0	10·5	6·3
Delhi	8—10	8·7	10·4	10·3	11·5	9·7	5·9	3·8	4·3	5·5	10·0	10·9	9·8	8·4
Sirsa	9—10	10·4	10·8	9·7	8·9	6·5	5·6	3·8	3·9	7·1	11·0	11·7	11·4	8·4
Chakrata	9—11	9·5	8·5	8·3	8·8	8·4	5·6	2·8	3·5	6·4	12·1	12·5	12·8	8·3
Roorkee	10—11	7·2	7·5	7·5	8·5	6·7	4·0	2·4	2·8	4·4	7·1	8·4	7·9	6·2
Meerut	8—11	4·8	5·3	6·0	6·6	5·3	4·7	3·9	4·0	4·7	5·9	6·3	5·7	5·3
Bareilly	7—11	8·3	8·5	9·6	11·6	10·1	7·1	3·5	3·4	4·9	8·5	10·9	9·5	8·0
Agra	8—11	9·9	10·6	10·5	10·7	8·2	6·4	3·7	3·4	5·1	8·8	10·5	9·8	8·1
Lucknow	10—11	9·2	9·2	8·5	9·1	6·4	4·3	2·6	2·7	3·9	7·7	10·1	10·1	7·0
Gorakhpur	7—10	8·5	8·5	8·9	9·2	6·9	4·4	4·2	3·6	4·7	7·9	9·5	9·0	7·1
Jhansi	8—11	4·4	5·7	7·1	9·0	8·4	5·3	2·6	2·2	3·1	4·8	5·9	5·1	5·3
Allahabad	11	11·8	13·1	13·7	12·9	9·4	5·6	4·0	3·2	4·0	9·2	13·1	12·4	9·4
Benares	10—11	9·8	10·1	9·9	10·1	7·5	4·8	2·8	2·8	4·0	7·1	10·3	10·5	7·5
Ghazipur	4—6	8·3	9·5	10·2	10·2	6·6	3·3	2·3	2·2	3·8	6·5	9·5	8·9	6·8

TABLE VII.—*Average Depression of Monthly Mean Nocturnal Radiation Temperatures below Mean Minimum Shade Temperatures*—continued.

Stations.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Sibsagar	8—11	5·0	5·2	5·1	4·9	4·9	4·9	3·9	3·6	3·5	4·1	5·4	5·6	4·7
Dhubri	5—7	6·9	7·9	6·2	4·6	3·1	2·1	2·5	2·5	2·8	5·4	7·0	7·2	4·9
Silchar	3—6	8·7	7·8	5·7	3·9	3·2	2·3	2·0	2·4	3·2	4·5	7·9	8·5	5·0
Darjeeling	3—5	10·3	11·8	10·3	8·6	6·7	2·6	2·0	4·9	3·6	7·8	12·7	12·0	7·5
Purneah	6—9	7·1	6·9	6·9	6·2	3·8	2·7	3·0	2·6	3·0	5·1	7·4	6·9	5·1
Durbhunga	4—7	8·9	8·8	11·8	10·9	6·1	5·0	4·6	5·3	6·8	8·1	9·7	10·2	8·0
Patna	10—11	4·6	4·8	5·9	6·0	3·5	3·1	2·5	2·3	2·8	4·3	5·5	5·4	4·2
Gya	3—5	9·5	9·5	8·8	6·2	6·4	6·0	4·9	4·5	4·8	6·3	8·6	9·5	7·1
Hazaribagh	9—11	9·8	9·3	8·7	8·2	5·3	2·8	1·6	1·7	2·4	6·9	10·2	10·1	6·4
Berhampore	5—6	12·4	13·1	11·6	10·1	5·3	3·6	3·2	3·2	4·2	7·0	10·4	11·4	8·0
Burdwan	9—11	11·5	10·6	9·5	7·6	5·2	4·3	4·1	3·8	4·4	7·1	10·1	11·5	7·5
Jessore	7—11	10·5	9·9	8·6	7·0	4·7	3·5	2·6	2·6	3·3	6·2	9·0	10·6	6·5
Dacca	10—11	11·0	10·9	8·2	5·7	4·1	2·3	2·2	2·3	3·4	6·4	9·5	10·5	6·4
Chittagong	6—8	6·9	7·0	5·0	4·5	3·4	2·2	2·0	2·1	2·2	3·2	5·1	6·7	4·2
Calcutta (*Alipore*)	10—11	9·4	9·1	7·5	5·7	3·9	2·7	2·2	2·4	3·2	5·7	8·7	10·1	5·9
Saugor Island	7—9	9·2	9·1	6·9	5·4	4·5	3·4	3·0	2·9	3·6	5·2	7·3	8·8	5·8
Cuttack	9—11	10·1	9·7	8·5	7·1	5·8	4·6	3·7	3·7	4·3	6·4	8·5	9·6	6·8
False Point	3—6	7·5	4·9	4·6	4·4	3·3	2·0	1·8	2·3	2·6	3·6	4·8	4·6	3·9
Sambalpur	3	9·5	8·4	8·1	10·9	10·6	6·5	3·4	3·1	3·6	5·8	9·0	10·7	7·5
Raipur	7—11	9·2	8·9	8·5	7·4	5·0	4·4	3·5	4·0	5·8	5·6	8·4	8·6	6·6
Nagpur	8—11	13·2	13·4	12·8	12·2	10·5	4·4	2·7	3·9	4·7	8·7	12·2	14·3	9·4
Seoni	10—11	10·5	10·4	11·2	10·5	8·7	4·5	2·5	2·7	4·3	7·5	9·9	10·5	7·8
Jubbulpore	10—11	8·2	8·2	9·3	9·9	8·5	3·6	1·9	2·1	3·1	5·3	8·4	7·9	6·4
Saugor	9—11	11·2	12·2	12 8	11·3	9·7	6·0	2·9	2·8	4·4	8·4	12·8	12·2	8·9
Pachmarhi	7—10	12·0	13·1	12·9	12·8	9·3	3·8	2·0	2·7	5·4	8·9	12·1	12·4	9·0
Hoshangabad	10—11	8·5	9·5	10·2	9·7	8·2	4·2	2·2	2·1	3·4	6·7	9·7	9·3	7·0
Khandwa	7—11	7·5	8·4	8·6	8·7	6·4	3·0	2·2	2·7	3·4	6·0	8·1	7·6	6·1
Chanda	9—11	9·4	9·5	9·6	9·9	8·6	3·7	2·5	2·9	3·4	5·4	7·5	8·7	6·8
Sironcha	8—9	10·0	9·8	10·1	9·2	7·7	4·2	3·1	3·3	4·1	6·3	7·6	9·9	7·1
Chikalda	7—8	14·7	13·8	10·9	10·2	7·4	2·9	1·4	1·3	2·9	9·3	14·3	21·1	9·2
Buldana	10—11	14·1	14·7	12·9	10·6	6·3	3·3	2·9	3·1	3·5	10·1	13·8	14·8	9·2
Akola	10—11	10·1	10·8	11·0	10·8	7·1	2·7	2·4	2·8	3·6	6·8	8·8	9·4	7·2
Amraoti	8—10	10·0	10·6	10·9	11·3	9·3	3·7	2·4	3·1	4·2	7·5	9·6	9·3	7·7
Neemuch	6—10	11·9	12·4	12·3	12·7	9·2	6·0	4·6	4·8	6·1	11·0	13·5	13·6	9·8

TABLE VII.—*Average Depression of Monthly Mean Nocturnal Radiation Temperatures below Mean Minimum Shade Temperatures*—continued.

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Nowgong	5—9	10·5	11·9	11·8	13·5	10·9	6·7	3·1	3·9	5·2	8·4	10·6	10·2	8·9
Sutna	9—11	6·2	7·0	6·5	6·3	4·4	3·1	1·5	1·6	2·7	5·1	7·0	6·9	4·9
Indore	8—9	14·1	13·8	13·4	13·0	8·7	3·8	2·4	3·2	5·4	9·3	13·1	13·0	9·4
Bickaneer	6—9	12·0	12·5	10·9	10·1	7·9	4·2	3·2	4·2	5·4	10·2	12·6	12·9	8·8
Jeypore	6—7	9·7	10·6	10·1	10·1	7·5	4·6	2·4	2·7	5·1	9·1	11·0	10·5	7·8
Sambhar	7—8	8·6	9·9	9·2	9·8	6·8	4·2	4·5	4·6	6·3	9·3	11·0	9·8	7·8
Ajmere	6—7	8·3	8·7	8·8	7·9	5·9	2·9	2·1	2·9	4·6	6·9	8·1	8·6	6·3
Mt. Abu	6—11	17·1	14·4	15·1	12·8	8·2	3·8	2·1	2·1	5·9	14·0	16·9	18·0	10·9
Pachpadra	3—7	6·8	7·2	7·2	7·4	5·6	5·1	2·4	3·1	4·7	8·2	7·4	8·2	6·1
Jacobabad	7—10	10·1	11·5	9·7	9·9	9·5	6·1	4·4	4·4	6·0	9·3	10·0	10·2	8·4
Hyderabad	5—9	8·5	9·1	8·3	6·8	5·5	3·5	3·1	2·1	2·6	6·9	9·2	10·1	6·3
Kurrachee	10—11	8·5	9·6	9·4	8·1	5·8	3·4	2·3	2·4	3·7	7·9	9·1	8·6	6·6
Bhuj	6—10	13·1	13·0	11·9	10·0	5·2	3·4	2·7	3·5	5·8	9·7	13·4	13·2	8·7
Rajkot	6—10	11·2	10·7	10·2	8·8	5·6	3·6	2·3	2·5	3·6	8·6	12·2	11·9	7·6
Deesa	7—10	9·1	9·9	10·2	10·3	7·2	3·4	2·1	2·8	4·7	8·2	9·4	8·8	7·2
Surat	4—6	11·7	11·6	9·5	8·4	6·8	3·5	2·9	3·9	4·6	7·1	8·5	10·2	7·4
Malegaon	9—10	8·5	8·8	9·2	9·0	6·2	2·9	2·4	3·0	3·3	5·6	7·4	8·0	6·2
Bombay	13	9·8	9·1	7·9	6·5	4·7	2·8	2·3	2·6	3·1	6·1	9·3	10·7	6·2
Poona	6—9	12·8	13·2	13·2	12·3	9·5	5·1	4·1	4·7	5·0	7·8	11·2	10·5	9·1
Sholapur	6—9	8·1	8·5	8·5	6·7	5·3	2·8	2·8	3·1	3·1	5·7	8·5	11·0	6·2
Ratnagiri	10—11	9·3	8·9	7·6	6·4	5·3	3·2	2·5	2·6	3·6	4·7	8·2	9·7	6·0
Belgaum	8—11	12·5	12·2	10·8	8·3	5·8	2·9	2·0	2·4	3·3	5·4	9·4	10·8	7·2
Karwar	6—8	5·6	4·8	4·1	4·7	4·5	3·3	3·0	3·7	3·9	4·0	5·6	6·2	4·5
Masulipatam	4—6	3·7	4·3	4·4	2·8	2·1	1·5	2·0	2·0	3·0	3·0	3·5	3·6	3·0
Mangalore	6—8	7·1	6·9	5·3	3·7	3·3	2·2	1·9	2·0	2·9	3·9	4·3	6·2	4·1
Mercara	5—6	10·8	12·0	10·4	8·4	5·3	2·4	1·6	2·2	3·4	5·6	7·4	9·2	6·6
Trichinopoly	5—6	2·8	2·8	2·7	2·3	1·8	1·8	1·6	1·5	1·6	1·9	2·1	2·7	2·1
Negapatam	4—6	3·5	4·6	5·1	4·7	4·4	4·2	4·6	3·9	3·9	3·0	3·0	2·9	4·0
Cochin	3—4	4·5	4·4	3·1	2·9	2·6	1·6	1·9	2·1	2·6	2·5	3·0	3·6	2·9
Akyab	7—10	7·6	8·5	7·8	6·5	3·8	2·4	2·9	1·9	2·9	4·1	5·4	6·5	5·0
Thayetmyo	8—10	6·5	6·8	6·6	5·2	3·9	1·8	2·7	1·8	2·0	2·4	3·7	5·0	4·0
Toungoo	4—9	6·5	7·0	6·4	6·1	4·0	3·7	3·0	2·8	3·0	3·7	4·4	5·6	4·7
Bassein	6—9	7·2	7·6	6·8	5·3	4·3	2·4	2·2	2·2	2·6	3·6	4·5	6·2	4·6
Rangoon	6—10	8·2	7·7	5·7	4·9	4·0	2·5	2·5	2·7	3·8	4·3	5·8	6·7	4·9

TABLE VII.—*Average Depression of Monthly Mean Nocturnal Radiation Temperatures below Mean Minimum Shade Temperatures*—concluded.

Stations.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Moulmein	6—9	6·7	6·1	5·8	4·8	4·3	3·4	2·4	1·7	1·4	3·1	4·8	6·0	4·2
Mergui	10—11	5·6	4·5	4·0	3·9	3·4	3·1	3·1	3·1	3·2	3·4	4·2	4·9	3·9
Port Blair	10—11	5·7	6·5	6·4	5·6	4·9	3·4	3·3	3·4	3·3	4·0	4·1	4·8	4·6
Nancowry	8—10	5·2	5·8	5·7	5·0	4·8	3·9	4·1	4·1	4·0	4·5	4·7	4·6	4·7

TABLE VIII.—*Comparison of Mean Monthly Depression of Nocturnal Radiation Temperatures in 1887 with the averages of Table VII.*

Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December	Year.
Aden	−0·2	+0·7	−0·3	−1·4	?	?	−1·1	−0·9	−0·3	+0·5	−0·7	−1·0	?
Quetta	+0·2	+3·5	+4·7	+0·3	+0·6	−0·1	−1·3	−0·8	+0·1	−0·5	+0·6	+1·6	+0·7
Leh	+0·6	0	+1·9	+2·3	?	?	?	+2·9	+7·1	+7·0	+6·7	+1·7	?
Mooltan	+4·3	+4·7	+5·3	+0·7	−1·6	+0·7	+1·4	+0·7	−0·4	−0·1	+0·8	−1·0	+1·3
Dera Ismail Khan	−2·2	−1·9	−0·4	−1·6	−2·4	−2·6	−2·5	−3·3	−3·1	−3·3	−2·8	−2·7	−2·4
Peshawar	+0·8	+2·1	+2·4	+2·2	+1·5	+1·6	−1·2	−1·0	?	?	?	?	?
Murree	−1·8	+2·9	+1·0	+2·0	+1·0	−0·4	−2·1	−1·7	+1·6	−0·7	+0·3	+0·9	+0·3
Rawalpindi	+2·6	+3·4	+3·2	+2·0	+1·1	+1·1	−1·0	−0·1	+2·2	+2·3	+3·6	?	?
Sialkot	−1·2	+0·3	+0·9	−0·4	−1·4	−0·9	−1·0	−1·0	−0·2	−0·5	+0·3	+0·7	−0·4
Lahore	−0·7	+1·6	+0·8	−0·5	+0·4	0	−1·1	−2·0	−0·4	−2·5	−1·3	−0·3	−0·5
Ludhiana	−1·7	−0·9	+1·1	+4·0	+3·9	+0·8	−0·7	−1·5	+0·6	−1·1	−0·1	+0·5	+0·4
Chamba	−0·1	−0·7	−0·8	+1·6	+1·9	+1·0	+0·3	0	+0·7	−2·7	+0·3	+0·4	+0·2
Delhi	−0·5	+1·6	+2·0	+1·4	+3·1	+7·8	+6·9	+12·0	+4·8	−0·5	−0·8	+0·2	?
Sirsa	+2·1	+2·5	+3·2	+2·9	+3·9	+2·3	−1·3	−1·8	−0·4	−0·7	+0·8	+0·5	+1·2
Chakrata	−1·5	+1·3	+1·4	+1·2	+0·5	+0·7	−1·1	−1·8	−0·2	−0·2	+0·8	+0·5	+0·1
Roorkee	−0·1	+1·3	+1·2	0	+0·8	+2·3	+2·8	+3·3	+2·7	+2·3	+2·4	+2·7	+1·8
Ranikhet	−1·8	+2·7	?	?	?	?	?	?	?	?	?	?	?
Meerut	+2·6	+4·3	+4·4	+2·2	+2·7	+1·2	−0·3	−1·1	+0·5	+2·2	+3·0	+3·8	+2·1
Bareilly	+0·9	+1·5	+1·4	−1·2	−1·5	−2·8	−0·2	−1·0	+1·6	−0·7	?	+1·7	?
Agra	−3·3	−1·8	−2·2	−2·4	−2·4	−1·5	−1·0	−1·2	−1·0	−1·7	−1·6	−2·0	−1·8
Lucknow	−2·4	−0·6	−1·3	+0·1	−1·6	−0·8	−0·8	−1·1	−0·2	−0·7	−2·2	−1·7	−1·1
Jhansi	+6·0	+3·8	+5·7	+6·4	+10·8	+8·0	+1·7	+1·0	+2·3	+3·3	+2·4	+2·3	+4·5
Allahabad	−2·4	−1·5	−0·9	−0·5	−1·4	−1·2	−2·2	−1·3	+0·6	−0·5	−2·4	−0·8	−1·2

TABLE VIII.—*Comparison of Mean Monthly Depression of Nocturnal Radiation Temperatures in 1887 with the averages of Table VII*—continued.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Benares	−1·9	−0·7	+0·1	−0·6	−1·0	−0·9	+0·3	− 0·1	+0·9	−0·3	+0·1	+0·6	−0·3
Ghazipur	+1·2	+3·0	+2·2	+1·7	+1·4	+0·4	+0·8	+ 1·1	+1·7	+2·3	+2·6	+2·2	+1·7
Sibsagar	+0·5	+0·4	−0·4	+0·4	+1·1	+0·7	+1·0	+ 1·3	+1·4	+0·9	+0·8	+1·8	+0·8
Dhubri	+0·7	+1·8	−0·8	+0·2	+0·3	+0·2	P	P	−0·1	−0·4	+0·5	+1·6	P
Darjeeling	−4·8	−1·5	−0·2	−0·6	−1·5	−0·2	+0·8	− 0·8	−0·4	P	P	P	P
Purneah	−0·5	+1·8	+2·1	+1·5	+2·5	0	−0·1	0	−0·3	−1·9	−1·6	+0·6	+0·3
Patna	+4·6	+6·9	+4·1	+1·5	+0·4	−0·2	+0·2	+ 1·0	+2·6	+3·8	+6·9	+6·8	+3·2
Hazaribagh	−1·2	+1·2	+2·3	+2·0	+0·7	+0·8	+1·2	+ 1·0	+1·1	+1·2	+1·4	+3·0	+1·2
Berhampore	−5·1	−4·2	−3·3	−2·9	−1·3	−0·9	−0·3	+ 0·2	−0·5	+0·3	+0·5	−0·5	−1·5
Burdwan	−1·8	+1·1	−0·2	−0·9	−1·3	+0·3	−0·9	− 0·7	−0·8	−1·3	−2·5	−2·1	−0·9
Jessore	−0·4	+1·0	−1·6	+0·8	P	0	+0·1	+ 0·8	+1·1	+2·6	+3·2	+3·8	P
Dacca	+0·1	+0·9	−0·5	+2·3	+0·8	+1·3	+0·9	+ 1·3	+1·2	+0·3	−1·5	−0·5	+0·5
Chittagong	+0·1	+0·1	−0·5	+1·3	+0·1	+0·5	+0·4	+ 0·2	0	+0·5	+0·6	+3·8	+0·6
Calcutta (*Alipore*)	−1·0	+1·3	−0·3	+0·7	−0·1	+0·6	+0·1	+ 0·2	−0·4	−0·3	−0·9	+0·9	+0·1
Saugor Island	−0·3	+1·6	−0·1	+1·0	+0·3	+0·5	+0·2	+ 0·8	+1·1	+1·1	+1·1	+1·4	+0·7
Cuttack	−6·0	P	P	P	P	P	P	P	+0·7	+1·4	+0·9	+1·4	P
False Point	−1·0	−0·4	−1·6	−1·8	− 0·6	+0·4	−0·1	− 0·3	+0·6	+0·5	+1·4	−0·9	−0·3
Sambalpur	+0·9	+2·5	−0·5	−2·7	0	+0·7	+0·1	− 0·2	+0·1	+0·8	+0·9	+2·3	+0·4
Raipur	+2·5	+6·5	+5·0	+2·7	P	P	P	P	P	P	P	P	P
Nagpur	+0·9	+4·1	+3·2	+0·7	+0·9	+0·3	+0·2	− 0·8	+0·6	+1·5	+0·9	+0·9	+1·1
Seoni	−0·3	+1·9	+2·2	+0·7	+2·0	+0·8	−0·4	− 0·3	+1·1	+0·7	+1·2	+0·6	+0·9
Jubbulpore	−1·3	+1·0	−0·2	−0·8	−1·1	−1·4	−1·1	− 0·9	−1·7	−1·9	−3·4	−2·6	−1·3
Saugor	+0·5	+3·4	+4·0	+3·6	+1·3	+0·9	+0·3	− 0·6	+0·2	+2·2	+0·3	+2·8	+1·6
Pachmarhi	−3·4	−1·1	−1·6	−2·3	−0·3	+1·1	+1·5	+ 0·7	−0·6	−2·8	−3·8	−3·0	−1·3
Hoshangabad	+0·9	+2·5	−1·2	−2·3	−2·7	−0·7	−0·9	− 0·8	+0·7	+0·8	+0·2	+0·4	−0·2
Khandwa	+0·1	P	−0·4	+0·3	−1·9	−0·5	−0·4	+ 0·9	+3·0	+3·1	+0·3	+4·1	P
Chanda	+1·4	+2·6	+2·0	−1·3	+0·1	−0·1	−0·1	− 0·5	+0·1	+1·3	+3·2	+2·7	+1·0
Sironcha	P	P	P	−1·0	+1·0	+0·4	+0·3	+ 0·1	+1·0	+1·4	−0·7	−0·1	P
Buldana	−0·9	+2·4	−1·1	+1·0	−0·8	− 0·2	−0·6	− 0·6	+0·3	+0·5	+0·1	+0·2	0·0
Akola	+0·6	+2·1	+1·8	+0·1	−2·2	−0·3	−0·4	− 1·1	0	−0·2	−0·3	−0·5	0
Amraoti	−1·3	−0·3	−0·1	−0·9	−0·1	0	−1·1	− 1·3	−1·3	−2·3	−4·4	−2·8	−1·4
Neemuch	−2·1	P	−3·2	P	−0·1	+1·6	+0·4	+ 2·2	+5·2	+3·1	−1·4	+2·5	P
Nowgong	−1·5	+1·1	+2·2	+0·2	+0·7	+0·5	−0·1	− 1·3	−0·8	−1·4	−2·3	−0·9	−0·3
Sutna	+1·1	+3·4	+2·1	+0·9	−0·2	+0·1	−0·4	− 0·5	+1·5	+2·4	+2·0	+2·7	+1·3

TABLE VIII.—*Comparison of Mean Monthly Depression of Nocturnal Radiation Temperatures in 1887 with the averages of Table VII*—concluded.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Indore	−2·4	+0·8	+1·2	−0·2	−0·5	+0·7	−0·8	− 0·5	0	+0·8	−1·7	−0·3	−0·2
Bickaneer	−2·5	+0·6	P	P	−1·1	−1·8	−2·2	− 2·0	−1·6	−4·8	P	+0·4	P
Jeypore	−1·5	+0·5	+1·4	−0·4	+1·1	+0·1	−0·4	− 1·0	+0·1	+0·9	+0·7	+0·1	+0·1
Sambhar	−1·1	−0·4	−0·8	P	P	+0·1	−0·1	+ 1·7	+1·9	−0·8	−1·4	−1·6	P
Ajmere	+1·7	+3·0	+3·2	+1·6	+0·8	+1·7	+0·4	− 0·8	+0·5	+0·7	+0·6	−0·1	+1·1
Mount Abu	−2·5	P	+0·3	−0·7	−2·6	−1·7	−1·7	− 1·5	−1·2	−1·5	+0·2	−2·2	P
Pachpadra	−1·5	−1·0	−1·6	−1·4	−1·9	+0·4	+0·3	− 0·6	−0·8	−0·8	+2·4	−0·1	−0·6
Jacobabad	−1·6	−1·8	+1·3	−1·5	+0·4	−1·3	−2·1	− 0·8	+0·7	−0·6	−0·6	−1·4	−0·8
Hyderabad	+2·4	+1·2	+2·1	+1·1	−1·3	+2·3	−0·8	+ 1·2	−0·7	+3·1	+0·3	−2·2	+0·7
Kurrachee	−2·2	−2·3	−0·5	−1·0	P	−1·4	−1·3	− 1·1	−0·7	−0·2	+0·2	−0·2	P
Bhuj	−1·5	+0·2	−0·3	−2·2	−1·5	−1·0	−0·9	− 1·6	−1·4	−0·3	−2·8	−3·1	−1·4
Rajkot	P	P	P	P	P	P	P	P	P	P	0	+0·2	P
Deesa	−0·4	+1·1	+1·6	+1·2	−1·3	−0·5	−0·9	− 0·8	+1·1	+1·8	+0·1	+0·9	+0·3
Malegaon	−1·2	0	+1·1	−0·1	−0·9	+0·3	+0·5	+ 0·1	+0·7	+0·1	−0·9	−0·7	−0·1
Bombay	+0·9	+1·4	+2·1	+1·7	−0·5	−0·2	−0·5	− 0·4	0	+0·5	−1·0	+0·3	+0·4
Sholapur	−1·0	+1·2	−0·7	+0·3	P	P	P	P	P	P	P	P	P
Ratnagiri	−0·5	+0·2	+1·4	−0·6	−0·9	−0·6	−0·3	− 0·1	−0·2	0	−1·2	+1·0	−0·2
Belgaum	−1·9	−0·3	−1·6	−1·1	−1·3	−0·9	−0·5	− 0·2	−0·8	−1·3	−2·7	−1·9	−1·2
Karwar	+0·1	+1·1	+1·6	+1·8	+1·1	−1·0	+0·8	+ 1·2	+0·6	+0·1	−1·5	−0·6	+0·4
Masulipatam	+0·3	−1·0	+0·1	+0·6	+0·9	+1·1	+0·7	+ 0·7	+0·8	+0·9	+0·4	+0·7	+0·5
Mangalore	−2·2	−0·2	−0·9	+0·5	−0·6	−0·9	−0·7	− 0·4	−0·3	−1·7	−1·0	−1·6	−0·8
Trichinopoly	+0·5	+1·2	+0·3	−0·3	+0·5	0	+0·7	+ 0·4	+1·0	+1·6	+1·3	+1·8	+0·8
Negapatam	+1·0	+0·9	+0·7	+0·1	+1·6	+1·0	+1·6	+ 1·2	+1·1	0	+0·3	+0·1	+0·8
Cochin	−0·5	−0·1	−0·5	−0·5	−0·5	−0·3	+0·1	0	+0·1	−0·6	−0·4	−0·2	−0·3
Akyab	−3·1	P	P	0	P	P	+2·2	+ 1·7	+1·6	+1·0	−0·2	−1·1	P
Thayetmyo	−0·7	+0·1	+1·7	+0·5	P	P	P	P	P	P	P	P	P
Toungoo	+2·8	+2·4	P	P	P	P	P	P	P	P	P	P	P
Bassein	−0·7	−0·5	−1·1	−0·7	−1·3	+0·2	0	+ 0·4	+0·2	+0·2	+0·6	−0·1	−0·2
Rangoon	P	P	−3·7	−0·9	−2·0	−0·3	−0·6	+ 0·2	−0·6	0	+0·5	−1·2	P
Moulmein	−1·1	−0·7	−0·7	−2·0	−2·6	−1·7	−0·8	− 0·2	−0·1	−0·4	+0·2	−1·2	−0·9
Mergui	−1·8	−1·2	−0·8	−0·7	0	+0·2	+0·2	+ 0·3	+0·1	−0·2	−0·8	−1·6	−0·5
Port Blair	+1·8	+0·9	+0·7	−0·7	P	0	−0·4	− 0·7	−0·7	−0·8	+0·3	−0·3	P
Nancowry	−0·9	P	P	P	P	P	+ 0·8	− 0·4	−0·8	−0·7	−1·4	−0·9	P

The grass radiation thermometer has several imperfections, similar to those of the solar radiation thermometer, and which make it an unsatisfactory instrument for general use in Indian observatories. Slight differences of exposure produce considerable differences in the measurements. These have been, to a considerable extent, eliminated by the use of pads (as described in page 24). The spirit column is very apt to break, and detached portions to accumulate at the upper end of the tube. This defect very frequently passes unnoticed by the observer for months, and occasionally until the next visit of the Local or Imperial Reporter to the observatory. Every effort has been made to induce observers to examine their instruments (more especially the terrestrial radiation thermometers) frequently and carefully, but with only partial success. Hence it appears to be inadvisable to continue to include observations of an instrument so liable to give erroneous results, as well as to breakage, as part of the general work of all our observatories. It has consequently been decided to confine observations of this element of meteorological enquiry to a few stations where there is continuous efficient supervision.

The grass radiation thermometer being freely exposed in the open air, always registers a lower temperature than the minimum in shade thermometer. The difference between the readings of the two thermometers is a rough measure of the rate at which heat is being radiated from the Earth's surface at night, and hence of the rate at which the Earth's surface and adjacent objects cool at night.

The following statement gives the average results for each district of India deduced from Table VII :—

Province.	Month of greatest difference.	Average amount of greatest difference.	Month of least difference.	Average amount of least difference.
		°		°
Central India	November	11·5	July	2·9
Central Provinces	March	11·1	July	2·6
Bombay	December	10·9	July	2·6
Punjab	November	10·4	August	4·4
Bengal	January	10·0	July	2·7
North-Western Provinces	April	10.0	August	2·9
Sind	December	9·8	July	2·8
Behar	November	8·9	August	3·1
Assam	?	7·4	August	2·7
Burma	February	6·9	August	2·2
Madras	January	4·8	June	1·9

With these results may be contrasted those of the hill stations :—

Hill Stations.	Month of greatest difference.	Average amount of greatest difference.	Month of least difference.	Average amount of least difference.
Quetta	October	16·2	February	9·9
Murree	November	16·2	August	5·4
Chakrata	December	12·8	July	2·8
Pachmarhi	February	13·1	July	2·0
Chikalda	December	21·1	August	1·3
Mount Abu	December	18·0	August	2·1
Darjeeling	November	12·7	July	2·0

These figures give, in a brief form, the chief results of Table VII. One or two points which they illustrate deserve to be specially pointed out. The first is that the area in which radiation takes place most rapidly in the dry weather includes Central India, the Central Provinces, and South-West Rajputana. This is shown even more strongly by the observations at the hill stations of Chikalda and Mount Abu than by the plain stations. A second important feature is the evidence it gives of the almost absolute uniformity of temperature conditions over by far the greater part of India during the height of the south-west monsoon.

The following table gives the algebraical means of all the quantities in each column of Table VIII, month by month, and hence the mean monthly anomalies of the whole Indian area :—

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of stations	86	80	81	81	75	78	80	81	81	81	80	81
Mean	−0·7	+0·9	+0·5	+0·1	−0·2	0	−0·2	−0·2	+0·4	+0·2	0	+0·1

The following table gives the annual anomalies for the past eight years for reference :—

	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.
Mean anomaly	+0·1	0	−0·1	0	−0·2	−0·2	−0·2	+0·1

A reference to the anomalies of the best and most carefully conducted observatories throughout India, *e.g.*, Bombay, Calcutta, Allahabad, Jeypore, and Lahore shows that monthly anomalies exceeding 2° are of very exceptional occurrence at these stations. Hence it is almost certain that the returns of many stations for which the average anomaly of the whole year exceeds 1° are affected by large instrumental errors, or are due to carelessness in observations. The following are examples of large anomalies evidently due to one of these causes :—

	Mean Anomaly for year.
Jhansi	+4·5
Patna	+3·2
Delhi	+3·1
Meerut	+2·1
Ghazipur	+1·7
Dera Ismail Khan	−2·4
Berhampore	−1·5

The annual averages at the first class observatories are given for comparison :—

Lahore	−0·5
Calcutta	+0·1
Jeypore	+0·1
Bombay	+0·4

Although the anomalies are in many cases vitiated by considerable errors, and are hence useless for exact investigation, the means of the anomalies for whole provinces present common results which are directly related to the more important and massive features of the weather of the year. For example, the air was unusually dry in the Punjab, Central Provinces, Rajputana and Central India in February, March and April and to a less extent in May. Hence radiation at night was more rapid than usual, and the anomalies for these months were positive, as is shown by the following :—

	February.	March.	April.	Mean of the three Months.
Punjab	+1·4	+1·7	−1·3	+1·5
Central Provinces	+2·3	+1·3	−0·2	+1·1
Rajputana	+1·8	+0·6	+0·3	+0·9
Central India	+0·5	+0·5	−0·2	+0·3

Again during the rainy season the rains were unusually heavy in the Central Provinces and some parts of the Punjab, North-Western Provinces, and Rajputana. During this period the anomalies for these districts were generally negative, their mean values being as follows :—

	Means of four Months, June to Sept.
South-East Punjab	—0·5
Western N.-W. Provinces	—0·6
Central Provinces and Berars	—0·1
Rajputana	—0·4

The mean anomalies for the whole of India also represent approximately the larger features of the weather. Thus the damp weather of January is represented by a negative anomaly of 0·7°, the very dry weather of February by a positive anomaly of 0·9°, and of March by 0·5°. During the remainder of the year the mean monthly anomalies for the whole of India were small, except for the month of September, when the early cessation of the rains in Central India and the Central Provinces was followed by a dry period represented in the average of the month by a positive anomaly of 0·4°.

The following table contrasts the mean anomalies of each month for Tropical and Extra-Tropical India :—

Month.	Mean Anomaly.	
	Extra-Tropical India.	Tropical India.
January	−0·4	−0·5
February	+1·1	+1·0
March	+1·2	+0·2
April	+0·7	−0·2
May	+0·4	−0·5
June	+0·5	−0·1
July	−0·2	0
August	0	−0·1
September	+0·7	+0·2
October	+0·2	+0·2
November	+0·4	−0·3
December	+0·5	+0·1

TEMPERATURE OF THE GROUND.

Observations of the temperature of the ground have been recorded during the whole of the year at five stations, Calcutta, Allahabad, Dehra, Lahore, and Jeypore.

The thermometers used for the purpose are verified standard mercurial thermometers, with attached scales of porcelain, the scale being engraved also on the tube. At Alipore (Calcutta), with the exception of the thermometer at 6 feet, and at Allahabad, with the exception of the thermometer at 9 feet, they are read three times daily, at equal intervals of eight hours; at Lahore, with the exception of the thermometer at 6 feet, and Jeypore, with the exception of the thermometers at 10, 20 and 47 feet, they are read four times daily at intervals of six hours; and at Dehra once daily, *viz.*, at 3 P.M.

The thermometers below the surface have the bulb protected with a pointed copper shoe which rests on the ground at the bottom of a wooden tube, inserted to the specified depth, and projecting 6 inches above the surface, the upper end being closed by a cap of metal or wood. Those at depths of 3 and 6 feet are attached to the lower end of a stout wooden bar of about half the diameter of the tube. Those at one foot have a brass ring attached to the top of the wooden frame by which they are lifted; and in all these the lower part of the frame around the bulb has been cut away, and the lower end fitted with the copper shoe above mentioned.

Table IV (Appendix) gives the monthly means of the readings at the hours of observation and those of the day, in 1887. In the case of Dehra only the former are available.

At Alipore (Calcutta), two thermometers are used for obtaining the temperature at one foot deep. The object of this was explained in the Report for 1882.[1] The instrument in use from April 1880, is inserted in a wooden tube about 2 inches wider than the slip of wood to which the thermometer is attached. The mean temperature of the year shewn by this instrument, was lower than either that of the surface thermometer or that at 3 feet deep, and it was found that the means as computed from its observations correctly represented the true diurnal means. It was, therefore, inferred that the anomaly might probably be due to the nocturnal convection of the cold air within the tube, and a consequent reduction of the temperature of the thermometer bulb below that of the ground or at that depth. To test this view, and also to obtain a more trustworthy register, a second thermometer was installed in 1882 at a few inches distance from the former, similarly mounted, but in a tube of such dimensions that the wooden mounting, with a strip of cloth around it above the bulb, loosely fits the section of the tube, and all convection is thus prevented. A comparison of four complete years' registers of the two thermometers has entirely confirmed this surmise. While the afternoon ($13\frac{3}{4}$h.) temperatures, shewn by the new thermometer, are either the same as those of the old thermometer or slightly lower, the early morning ($5\frac{3}{4}$h.) and late evening ($21\frac{3}{4}$h.) readings are almost invariably higher; and especially so in the cold season and in clear weather, when the noctural radiation is greatest. In some months this difference exceeds 1°; and the mean of the day on the average of four years as shewn by the new thermometer, is 0·2° higher than that of the old thermometer, and is in excess of the mean surface temperature by 0·2°, being 1·4° lower than that of the thermometer at 3 feet deep. The means given below of the gronud thermometer at a depth of one foot, are those of the observations of the thermometer brought into use in 1882.

[1] Report on the Meteorology of India in 1882, page 26.

From the registers of the surface, 1 foot (new) and 3 feet thermometers at Alipore, it appears that, not only is the temperature of the ground surface, on an average, 2·6° higher than that of the air, but there is a further rapid increase downwards, amounting on an average to 1·5° in 3 feet. This, as has been pointed out in previous reports, can only be attributed to the existence of an abnormal source of heat at some moderate depth below the ground surface, and is probably that of the decomposing organic matter with which certain beds in the alluvium are highly charged.

The Allahabad ground temperatures shew a downward decrease on the average of nearly eight years. At Jeypore, the surface temperature of the six years for which we have a complete register is 3·4° higher than that at 3 feet deep, and not less than 5·8° higher than that of the air.

The averages of past years, and the monthly departures from them in 1887 at the five stations, are given in the following Tables IX and X:—

TABLE IX.—*Average Monthly Mean Temperatures of the Ground and of the Air.*

		Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Calcutta (*Alipore*)	Air	10—11	65·0	69·8	79·2	84·6	84·8	84·5	83·0	82·4	82·3	80·0	72·3	65·1	77·8
	Surface	9—10	64·1	70·1	82·4	90·5	89·9	87·9	86·4	86·1	86·0	83·2	73·2	64·9	80·4
	1 foot deep	7—8	68·0	70·7	78·9	86·1	87·7	87·5	86·4	85·8	85·5	83·7	76·7	69·5	80·5
	3 feet „	9—10	72·2	73·4	78·5	84·4	86·9	87·4	86·6	86·2	86·1	85·3	80·9	75·1	81·9
Allahabad	Air	20—22	60·6	65·4	78·0	87·4	92·1	91·3	84·8	83·6	83·0	77·8	67·9	60·6	77·7
	Surface	7—8	60·5	64·6	80·5	89·9	99·6	98·2	87·0	86·6	86·8	81·3	66·5	58·1	80·0
	1 foot deep	7—8	59·7	64·0	74·1	83·5	92·6	94·2	87·3	86·1	85·6	79·5	69·0	61·7	78·1
	3 feet „	7—8	65·3	67·1	72·8	80·7	88·0	91·8	88·2	86·4	85·9	82·7	75·8	68·9	79·5
Jeypore	Air	18—19	60·7	63·5	76·0	85·2	90·2	90·5	83·9	81·7	82·4	77·9	69·4	62·0	77·0
	Surface	6—7	62·1	68·0	82·9	94·1	101·1	99·4	89·0	88·3	90·3	85·8	70·5	61·5	82·8
	4 inches deep	6—7	62·6	67·8	80·7	90·5	96·9	95·9	86·8	86·2	87·2	85·4	72·8	63·6	81·4
	1 foot „	6—7	62·4	65·0	76·6	85·7	92·8	94·0	86·5	85·5	85·9	83·3	72·3	63·8	79·5
	3 feet „	6—7	66·9	66·7	73·5	80·4	86·2	89·5	86·8	85·2	85·1	84·4	77·3	70·5	79·4
	10 „ „	5—7	75·4	73·3	73·1	75·5	78·9	82·1	84·0	83·7	83·7	83·8	82·4	79·1	79·6
	20 „ „	6	79·6	78·0	76·9	76·9	78·0	79·6	80·8	81·8	82·2	82·5	82·4	81·5	80·0
Dehra	Air	21—22	54·7	57·2	66·3	76·5	82·0	84·2	79·6	78·5	77·4	70·6	61·9	56·0	70·4
	1·1 feet deep	6—7	57·5	58·6	68·2	78·7	85·2	87·6	84·1	82·7	82·3	76·7	67·4	60·6	74·1
	3·2 „ „	5—7	61·7	60·9	66·7	74·7	80·9	84·1	83·0	82·2	81·8	78·4	71·3	65·2	74·2
	6·4 „ „	6—7	66·7	65·1	67·2	71·4	76·1	79·5	80·7	81·2	81·2	78·3	75·3	70·4	74·4
	12·8 „ „	5—6	72·1	70·0	70·0	71·3	73·2	75·2	76·9	78·6	79·3	79·2	77·4	74·6	74·8
	25·6 „ „	4—6	75·7	74·8	74·3	73·9	73·8	73·9	74·2	75·2	76·1	76·5	76·7	76·4	75·1
Lahore	Surface	3	?	?	?	?	?	?	?	99·6	97·8	81·0	62·4	53·7	?
	1 foot deep	3	?	?	?	?	?	?	?	93·9	92·9	83·9	71·4	63·1	?
	3 feet „	3	?	?	?	?	?	?	?	92·4	92·4	86·2	76·1	68·2	?
	6 „ „	3	?	?	?	?	?	?	?	87·9	88·6	87·0	82·2	76·6	?

TABLE X.—*Comparison of the Monthly Mean Temperatures of the Ground in 1887, with the averages of Table IX.*

		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Calcutta (Alipore).	Surface .	—1·5	—3·0	+0·1	—4·3	—1·7	—0·4	—0·6	+1·4	+0·3	—0·8	+0·1	—0·9	—0·9
	1 foot deep	+0·1	—1·0	+0·9	—2·2	—0·3	—0·5	—0·6	+0·9	+0·4	—0·4	—0·3	—0·4	—0·3
	3 feet „	+0·7	—0·8	+0·7	—1·6	—0·3	—0·6	—0·5	+0·6	+0·5	—0·1	—0·4	—0·3	—0·2
Allahabad . .	Surface .	—1·0	+2·0	+0·9	+4·3	+3·6	+6·8	+0·9	—1·9	—0·3	—1·6	+1·3	+1·7	+1·4
	1 foot deep	+0·5	—0·9	+1·3	+1·3	+1·9	+3·7	+0·9	—0·9	+0·5	+1·2	+2·3	+2·3	+1·2
	3 feet „	+0·5	—1·7	+0·8	0	+1·5	+1·7	+1·0	—0·9	+0·2	+0·6	+0·6	+1·4	+0·5
Jeypore . .	Surface .	—0·6	+1·3	—1·8	+0·9	+3·7	+1·7	—3·2	—5·4	—1·6	—1·2	—1·7	+1·7	—0·5
	4 inches deep	—1·5	+2·1	—0·3	+1·4	+3·3	+0·8	—2·4	—4·6	—0·7	—0·6	—0·3	+0·3	—0·2
	1 foot „	—0·7	+0·7	—0·2	+1·8	+4·2	+2·1	—2·0	—4·5	—0·8	—0·5	—0·2	+0·7	+0·1
	3 feet „	+0·4	+0·5	+0·3	—0·2	+1·3	+0·9	—1·0	—3·5	—0·6	—0·4	—0·1	+0·2	—0·2
	10 „ „	P	—0·2	+0·4	+0·4	+0·5	+0·8	+0·3	—0·3	—0·6	—0·3	—0·2	—0·1	P
	20 „ „	+1·3*	+1·8*	+1·8*	+1·1*	+0·1	—0·6	—0·6	—0·4	—0·4	—0·7	—0·5	0	+0·2
Dehra . . .	1·1 feet deep	—2·0	—0·4	+1·1	+0·4	+4·1	—1·7	—1·4	—1·4	—1·3	—0·9	+0·1	+0·7	—0·2
	3·2 „ „	P	—0·9	+2·1	+1·9	+4·6	+0·8	—0·4	—0·6	—0·5	—0·2	+0·8	+1·7	P
	6·4 „ „	—0·7	—0·9	+0·4	0	+0·9	+0·7	—0·1	—0·1	—0·3	+1·1	0	+0·7	—0·1
	12·8 „ „	P	—1·2	—0·3	—0·2	+0·2	+0·9	+0·8	+0·6	+0·5	+0·1	—0·3	—0·5	P
	25·6 „ „	P	—0·1	0	—0·1	—0·3	—0·3	—0·2	—0·1	0	—0·3	—0·4	—0·2	P
Lahore . .	Surface .	P	P	P	P	P	P	P	—5·4	—3·4	—0·5	—2·7	—0·9	P
	1 foot deep	P	P	P	P	P	P	P	—3·0	—2·6	—0·8	—2·2	—1·6	P
	3 feet „	P	P	P	P	P	P	P	—2·3	—2·1	—0·9	—1·3	—0·8	P
	6 „ „	P	P	P	P	P	P	P	—0·3	—0·8	—0·6	—0·7	—0·7	P

* Those large differences are mainly due to the low temperatures recorded at a depth of 20 feet in the years 1885 and 1886.

TEMPERATURE OF THE AIR.

At the large majority of stations,[1] the temperature of the air is observed only at 10 A.M. and 4 P.M., and these readings, together with those of the maximum and minimum self-registering thermometers, afford the data for the deduction of the mean temperature. At some stations in the Madras Presidency, readings are also recorded at 10 P.M.; at Lahore, Chamba, Jeypore, Saugor Island and Vizagapatam, 4 A.M. and

[1] At Dehra, in the North-Western Provinces, the observations are recorded at 9h. 30m. and 15h. 30m., instead of 10h. and 16h.

10 P.M. are additional hours; and at Allahabad, Calcutta (Alipore), Bombay and Leh, 6 A.M. and 10 P.M.

At stations in India and Burma generally, the instruments are suspended in a cage, consisting of a narrow frame, with wire net-work at front and back, which is affixed to one of the uprights supporting the ridge-pole of the thatched observatory shed, at such a height that the bulbs of the several thermometers range from 4 feet to 4 feet 6 inches above the ground level. The shed and cage, of the approved form, are depicted in Part I of the Indian Meteorologist's *Vade Mecum*; and although it appears that, at some stations, this pattern is not strictly adhered to, the variations in general are not great. At Simla, Lucknow, Roorkee, Dehra, Saugor, Seoni, Jubbulpore, Akola, Amraoti and Kurrachee, the sheds are smaller, and more or less enclosed by lattice-work or louvres, but the readings of the instruments are apparently not much affected thereby.

With the exception of Vizagapatam and the Ceylon stations, all the thermometers for air temperatures have been verified either at Calcutta, Bombay, or Madras. The verification at the freezing points was made by immersion in crushed melting ice, and at higher temperatures, comprehending the whole range of observation, by comparison with Kew standard thermometers. All the readings are corrected to their true values.

The thermometers in use in Ceylon have been verified at Colombo, at various temperatures, by comparison with a standard thermometer, tested at the Greenwich observatory.

Table V (Appendix) gives the monthly and annual means and extreme temperatures at 143 observatories (three more than in 1886). Two stations, *viz.*, Calcutta and Mercara, furnish duplicate registers; so that the number of stations represented is 141. The registers of Baghdad in Asiatic Turkey, and Bhamo and Kendat in Upper Burma, appear for the first time in the present report. Owing to various causes the following are more or less incomplete:—

Baghdad.	Neemuch.	Cochin.
Amini Divi.	Hyderabad.	Jaffna.
Simla.	Surat.	Hambantota.
Bareilly.	Kurnool.	Bhamo.
Tura.	Mercara.	Kendat.
Light Ship (Sand-heads).	Calicut.	Cocos Island.
Sironcha.	Coimbatore.	

The tabulated data are the means of each hour of observation, those of the maximum and minimum temperatures respectively, the extreme temperatures of each month and year, the mean daily and the extreme monthly and annual ranges, and the mean temperatures of each month of the year, which have been computed in the following manner:—

(*a*) At Calcutta (Alipore), they are the means of the hourly measurements of the thermograph traces.

(*b*) At Leh, the means of the observations at 6h., 10h., 16h. and 22h., without further correction.

(*c*) At Bombay, the means of the measurements of the thermograph traces at 6h., 10h., 14h., 16h. and 22h., with additive corrections, derived from the Colaba hourly observations in past years.

(*d*) At Lahore, Chamba, Jeypore, Vizagapatam and Saugor Island, the means of the four sets of readings at 4h., 10h., 16h. and 22h. without further correction.

(*e*) At Allahabad the means of the observations at 6h., 10h., 16h. and 22h., with additive corrections derived from the hourly observations of past years.

(*f*) At stations in the Punjab (excepting Lahore, Chamba), the Central Provinces and Berar, and also at Ghazipur, Dhubri, Tura, Demagiri, False Point, Port Blair, Nancowry, Katmandu, Baghdad, Quetta, Bushire, Pedong, Aden, the Burmese stations (excepting Akyab), at stations in Rajputana (excepting Ajmere, Sambhar, and Jeypore), Central India and Bombay (excepting those specified in (*c*) and (*i*)), and at Gopalpur, Calicut, Mangalore, Bellary and Mercara, they are the means of the 16-hour readings and the minimum temperatures.

(*g*) At the Madras stations, excepting Coimbatore and Madura, and those named in *d*, *f*, *i* and *k*, they are the means of the 10h., 16h., and 22h., and minimum observations, corrected by range factors, derived from the Madras registers in past years. At Coimbatore and Madura, they are the means of the 16h., and minimum observations only, similarly corrected.

(*h*) At stations in Bengal and Assam (excepting those named in *a*, *d*, *f* and *j*), and the North-Western Provinces (except Allahabad and Ghazipur) and at Ajmere, Sambhar and Akyab, they are the means of the 10h. and 16h., and minimum observations, corrected by range factors, derived from the six-hourly observations at the same or a neighbouring station in past years. In the case of Dehra, the Roorkee factors have been used, in that of Sibsagar, the Goalpara factors. The Monghyr factors are employed for Purneah, the Patna factors for Durbhunga, and the Calcutta factors for Berhampore, Jessore and Burdwan. In the case of Pithoragarh, the Ranikhet factors have been used, and in that of Sambhar, the Ajmere factors.

(*i*) At Deesa, Kurrachee, Poona, Belgaum and Masulipatam, they are the means of the 10h. 16h., and minimum observations, with additive or subtractive corrections, derived from the hourly observations of past years.

(*j*) At Mongpoo (Bengal) and Tezpur, they are the means of the maximum and minimum temperatures.

(*k*) At stations in Ceylon and at Rajahmundry, Kurnool, Cuddapah, and Amini Divi, they are the means of the 10h., 16h., and minimum observations.

Table VI in the Appendix gives the data from which the isotherms of each month in Plates II to IV, have been drawn. These are the adopted sea-level equivalents of the mean monthly temperatures in Table V (omitting hill stations). The reduction to sea-level values has been made, by adding 1° temperature for every 450 feet of elevation.

Table XI, below, gives the average temperatures of all the stations, the records of which afford data for three years and upwards, derived from the registers of past years, by the same methods as are employed to obtain the means of Table V (Appendix) ; and Table XII shews the variations for the year 1887, above or below these averages. Table XIII is a geographical summary of the data of Table XII.

In a carefully worked out discussion of the previous observations of temperature in North-Western India, published in Part II of the second volume of the *Indian Meteorological Memoirs*, Mr. S. A. Hill has determined what are probably more accurate average monthly and annual temperatures for a number of the stations here included, than those adopted in Table XI. And he has further given range factors, by the use of which the crude means of the same stations in Table V (Appendix) may be corrected to values of the same order. As, however, the differences of the values in Mr. Hill's table and those here given are, in most cases, very small, and as, after all, the former can be considered only as a closer approximation to unknown true means, it has been considered better to adhere to the methods hitherto followed, and so preserve the continuity of the records. The

mean monthly temperatures of 60 stations, extracted from Mr. Hill's table, were given in the report for 1882 (p. 39).

TABLE XI.—*Average monthly mean temperatures of 134 stations in India, Ceylon, &c.*

STATIONS.	Years.	January	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Aden . . .	5—8	75·2	75·9	78·3	81·7	84·7	86·7	85·2	84·4	85·9	81·5	77·4	75·6	81·0
Mauritius . .	16—17	78·9	78·7	77·9	76·5	73·0	70·2	68·7	68·8	70·1	72·1	74·9	77·6	74·0
Bushire . .	10—11	57·2	57·5	62·7	71·4	80·8	84·7	88·1	88·7	85·1	77·8	69·2	61·1	73·7
Amini Divi . .	3—4	?	?	82·1	?	84·4	81·3	80·0	80·3	80·1	80·3	79·8	79·5	?
Quetta . . .	9—10	39·5	40·0	49·9	57·9	66·2	73·8	77·4	75·2	66·9	55·8	46·2	41·1	57·5
Leh . . .	12—17	17·6	19·4	31·0	40·9	47·2	55·7	61·9	60·2	52·3	40·2	30·6	23·3	40·1
Mooltan . .	17—19	54·5	58·4	70·4	80·0	88·9	93·6	91·6	89·2	86·6	77·3	66·1	56·7	76·1
Dera Ismail Khan	19—21	52·4	56·4	66·8	77·3	87·0	92·7	91·4	89·8	86·0	75·3	62·0	54·0	74·3
Peshawar . .	11—12	49·9	51·8	62·2	70·7	81·1	88·8	89·2	87·1	81·1	71·1	58·4	50·9	70·2
Murree . .	17—18	38·5	38·8	48·5	57·2	64·9	71·3	68·3	66·3	65·0	58·4	49·2	43·1	55·8
Rawalpindi . .	19—21	48·6	51·6	61·4	71·5	81·2	88·7	86·7	83·8	80·1	69·7	57·2	50·3	69·2
Sialkot . . .	20—21	52·2	56·0	65·8	77·3	85·3	90·8	86·7	85·1	83·0	74·8	62·1	53·3	72·7
Lahore . . .	19—21	53·4	57·9	68·6	80·0	87·5	92·0	88·6	87·1	83·9	75·9	63·2	54·3	74·4
Ludhiana . .	18—20	52·5	57·0	68·0	78·6	85·5	90·6	86·1	85·5	82·9	74·9	62·6	54·5	73·2
Chamba . . .	3—4	47·1	49·0	59·8	66·8	73·3	78·9	77·7	75·9	72·7	65·7	56·4	50·7	64·5
Kailang . .	4—5	20·2	19·2	29·5	38·1	46·8	53·3	61·2	59·9	53·8	42·4	32·9	24·9	40·2
Simla . . .	13—16	40·2	41·2	49·7	58·5	63·4	67·0	64·1	62·9	61·4	55·9	49·0	44·8	54·8
Delhi . . .	12—13	58·4	62·2	74·3	84·6	89·7	92·7	86·5	85·2	84·1	78·7	68·3	60·3	77·1
Sirsa . . .	10—12	55·8	59·5	71·4	82·2	89·1	93·0	89·0	87·8	85·4	78·3	65·1	57·2	76·2
Chakrata . .	19—20	42·0	43·2	51·2	59·9	64·3	67·2	64·8	64·1	63·0	57·9	51·3	46·3	56·3
Dehra . . .	21—22	54·7	57·2	66·3	76·5	82·0	84·2	79·6	78·5	77·4	70·6	61·9	56·0	70·4
Roorkee . .	25	56·3	60·3	70·4	81·8	87·6	90·2	84·6	83·6	82·4	75·0	64·1	57·0	74·4
Ranikhet . .	17—18	45·8	48·2	56·3	65·2	67·9	70·5	67·7	67·0	66·0	61·0	54·7	49·5	60·0
Pithoragarh . .	6—7	48·0	50·9	59·2	66·9	69·0	71·4	71·2	70·3	69·8	67·0	57·2	52·2	62·8
Meerut . .	20—22	56·7	61·7	72·8	82·9	88·7	91·3	86·1	84·8	83·3	76·0	65·4	57·8	75·6
Bareilly . .	20—22	57·5	61·9	72·6	83·1	87·8	89·0	84·0	83·1	82·4	76·1	65·6	58·1	75·1
Agra . . .	24—25	60·4	65·3	76·8	88·0	93·9	94·4	86·9	85·2	84·4	79·7	69·9	62 1	78·9
Lucknow . .	21—22	60·9	65·9	77·0	87·3	91·6	91·8	86·0	85·1	84·5	78·7	68·7	61·1	78·2
Gorakhpur . .	20—22	60·4	64·8	76·3	85·7	87·8	87·9	84·1	83·6	83·7	79·0	69·1	61·8	77·0
Jhansi . . .	20—22	63·3	67·8	78·8	88·7	94·6	93·0	83·6	82·4	82·4	80·5	72·9	64·8	79·4
Allahabad . .	20—22	61·1	65·7	78·2	87·4	91·8	91·0	85·0	83·7	83·5	78·8	69·0	61·1	78·0
Benares . .	22—24	60·9	65·8	77·3	87·0	91·2	91·3	84·9	84·1	83·2	78·1	68·4	60·9	77·8

TABLE XI.—*Average monthly mean temperatures of 134 stations in India, Ceylon, &c.*—continued.

Stations.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Ghazipur . .	4—6	60·5	63·5	76·4	85·8	88·7	87·6	84·0	82·8	83·0	77·8	67·7	60·5	76·5
Katmandu . .	8—9	47·4	49·7	58·9	63·6	67·6	72·6	73·4	72·4	71·1	64·3	54·5	48·2	62·0
Sibsagar . .	14	58 8	62·5	68 8	73·8	78·2	83·1	83·9	83·1	81·9	77·1	68·6	61·0	73·4
Dhubri . .	6—7	62·6	64·8	74·9	78·8	78·5	80·0	82·2	81·1	79·9	78·2	70·9	64·5	74·7
Tura . . .	3—4	61·3	63·4	74·5	77·9	76·0	?	78·0	77·3	77·2	74·5	68·6	63·0	?
Silchar . . .	18—19	63·4	66·9	73·4	77·9	79·7	81·7	82·4	81·9	81·8	79·8	73·2	65·9	75·7
Darjeeling . .	19—20	39·3	40·7	48·0	53·7	55·8	59·6	60·9	60·7	58·6	54·3	47·8	41·8	51·8
Pedong . .	3	?	47·5	56·7	60·8	63·5	67·4	68·2	67·2	66·1	61·8	54·3	49·1	?
Mongpoo . .	10	53·1	54·8	62·9	67·6	68·7	71·5	72·8	72·1	71·5	67·7	61·0	55·1	64·9
Purneah . .	9—12	61·6	65·4	76·3	83·9	83·6	83·9	84·1	83·6	83·1	78·9	70·8	62·9	76·5
Durbhunga . .	10—12	62·0	64·6	75·5	83·8	84·7	85·1	84·3	83·5	83·4	79·5	71·3	63·3	76·8
Patna . . .	19—20	61·3	65·6	77·6	86·9	88·5	87·9	84·7	84·0	83·9	79·7	70·4	62·5	77·8
Gya . . .	16—17	64·1	69·1	80·3	89·3	91·6	89·3	84·2	83·7	84·1	80·2	71·5	64·4	79·3
Hazaribagh . .	19—20	60·9	64·8	75·0	83·5	85·2	82·3	78·3	77·7	77·5	74·1	67·1	60·8	73·9
Berhampore . .	20	64·4	68·7	78·2	85·0	84·5	83·8	83·0	82·6	82·7	80·3	72·9	65·6	77·6
Burdwan . .	14—15	65·9	69·9	79·6	85·5	84·6	84·3	83·3	82·5	82·8	80·4	72·9	66·4	78·2
Jessore . .	19—20	65·1	69·6	78·8	83·2	83·4	83·1	82·5	82·1	82·2	80·2	72·9	65·8	77·4
Dacca . . .	18—20	66·1	70·7	78·8	82·6	82·8	83·1	83·2	83·1	83·2	81·4	74·7	68·0	78·1
Chittagong . .	19—20	66·5	70·6	77·1	81·3	82·1	81·1	80·6	80·5	81·0	79·7	74·3	68·0	76·9
Dimagiri . .	7—9	62·4	64·4	72·8	78·2	79·1	79·0	78·5	78·6	78·9	78·0	73·0	65·4	74·0
Calcutta *(Alipore)* .	10—11	65·0	69·8	79·2	84·6	84·8	84·5	83·0	82·4	82·3	80·0	72·3	65·1	77·8
Calcutta *(Chowringhee)*.	6—8	66·9	70·7	79·6	84·7	83·8	83·3	82·2	81·7	82·0	80·2	73·0	66·5	77·8
Saugor Island .	19—20	67·4	72·6	80·1	83·8	85·1	84·9	82·9	82·7	82·7	80·3	73·6	66·9	78·6
Cuttack . .	20	71·5	75·8	82·8	87·6	88·7	86·1	83·2	83·2	83·1	81·4	75·2	69·9	80·7
False Point . .	8—10	67·9	72·0	78·2	82 0	83·1	83·6	81·5	81·4	81·6	79·8	72·7	66·2	77·5
Sambalpur . .	16—17	67·5	72·4	80·9	89·3	92·6	87·3	80·5	80·5	81·6	79·4	72·0	66·4	79·2
Raipur . .	18—19	67·0	71·3	80·1	88·1	92·1	85·5	78·8	79·1	79·7	77·3	70·2	65·7	77·9
Nagpur . .	18—19	68·6	73·4	81·9	88·6	92·9	85 5	79·0	79 2	79·2	77·3	70·8	66·9	78·6
Seoni . . .	16	63·9	68·2	77·1	84·1	87·6	81·9	76·2	75·7	76·1	73·0	66·4	62 5	74·4
Jubbulpore . .	19	62·0	65·9	75·8	84·7	90·8	85·9	78·6	78·1	78·5	74·1	65·7	60·8	75·0
Saugor . . .	16—18	63·3	67·1	77·4	85·3	89·2	85·0	77·5	76·5	77·3	75·2	69·1	63·7	75·6
Pachmarhi . .	15—16	58·0	61·8	71·6	79·3	83·4	77·5	70·4	69·7	70·4	67·0	59·9	56·2	68·8
Hoshangabad .	18—19	65·8	69·7	79·3	87·7	92·6	87·0	79·0	78·3	79·3	77·1	70·0	65·6	77·6
Khandwa . .	11—13	66·9	70·3	80·0	87·4	91·7	86·2	79·3	78·6	78·6	76·6	69·5	64·9	77·5

TABLE XI.—*Average monthly mean temperatures of 134 stations in India, Ceylon, &c.*—continued.

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Chanda . .	16—18	68·7	73·9	82·1	89·5	93·0	86·4	79·9	79·7	79·5	77·0	70·2	66·0	78·8
Sironcha . .	10—12	71·1	77·9	85·4	91·7	93·9	86·9	80·7	80·4	80·5	79·5	73·6	68·9	80·9
Chikalda . .	11—12	63·4	67·2	75·2	80·8	82·0	74·8	68·8	68·1	68·6	68·9	64·9	61·8	70·4
Buldana . .	13—14	68·4	72·7	80·8	86·2	87·3	80·3	75·5	74·5	74·6	75·0	70·3	67·0	76·1
Akola . . .	14—15	68·3	72·8	81·6	88·9	92·9	85·5	79·5	79·1	78·7	76·7	70·4	66·1	78·4
Amraoti . .	15	69·4	73·8	82·2	88 7	90·9	83·9	78·3	77·6	77·7	76·6	71·3	67·8	78 2
Makhla . . .	8—9	64·2	67·9	76·9	83·0	84·9	75·9	70·7	70·1	70·4	70·2	65·7	62·9	71·9
Neemuch . .	9—11	62·4	65·0	75·9	84·0	88·6	86·1	79·0	77·8	77·8	76·3	68·1	62·7	75·3
Nowgong . .	10—11	60·3	64·4	76·4	86·3	92·0	91·1	82·7	81·9	81·9	76·8	66·2	60·0	76·6
Sutna . .	11—12	60·7	64·4	75·7	84·9	89·9	88·9	81·3	80·5	80·4	75·9	66·2	60·2	75·8
Indore . . .	10	63·9	66·4	75·6	82·8	87·4	82·5	76·5	75·6	75·7	74·2	66·5	62·3	74·1
Bickaneer . .	9—11	60·4	63·7	77·3	87·3	93·5	94·7	89·8	87·4	87·5	83·6	71·3	62·7	79·9
Jeypore . .	18—19	60·7	63·5	76·0	85 2	90·2	90·5	83·9	81·7	82·4	77·9	69·4	62·0	77·0
Sambhar . .	7—8	58·2	61·7	73·3	85·4	91·4	89·8	82·2	81·1	80·9	76·9	67·1	58·6	75·6
Ajmere . .	21	57·6	61·3	72·6	83·3	89·2	87·5	82·0	79·4	80·6	74·9	66·1	58·9	74·5
Mount Abu . .	9—12	57·5	59·8	69·0	75·3	79·1	75·1	69·2	67·6	68·9	70·1	63·9	58·9	67·9
Pachpadra . .	7—9	60·9	64·1	76·3	85·3	91·6	92·1	86·5	83·7	84·1	80·6	68·6	62·2	78·0
Jacobabad . .	9—11	57·2	61·6	74·0	83·3	92·0	96·2	94·1	90·8	87·8	78·3	65·4	58·4	78·3
Hyderabad . .	9—11	62·7	66·1	77·9	85·2	90·9	90·8	87·9	85·4	85·3	82·8	72·3	64·0	79·3
Kurrachee . .	12—13	64·9	68·0	76·0	80·0	85·2	86·8	84·1	81·9	81·8	79·6	72·6	67·3	77·4
Bhuj . . .	9—12	66·2	69·6	78·3	83·4	86·8	86·1	82·5	81·0	81·5	82·1	74·1	67·5	78·3
Rajkot . . .	8—11	66·1	69·3	77·9	83·8	88·2	86·1	81·2	80·3	80·1	80·4	73·0	67·4	77·8
Deesa . . .	13	67 1	70·9	81·2	87·9	92·2	90·0	83·1	81·5	81·9	80·6	74·0	68·9	79·9
Surat . . .	10—11	69·7	72·1	79·1	84·2	85·5	84·3	80·9	80·5	80·6	79·9	74·8	70·5	78·5
Malegaon . .	10—11	67·7	71·4	79 6	85·1	87·4	82·5	78·1	77·2	77·1	76·1	70·3	66·0	76·5
Bombay . .	41	73·8	75·2	79·0	82·3	84·9	83·1	80·9	80·4	80·0	81·0	79·0	75·9	79·6
Poona . . .	12—13	71·8	76·3	82·7	85·7	84·6	78·9	75·1	75·0	75·0	77·7	75·3	71·4	77·5
Sholapur . .	10—11	71·5	76·6	83·3	88·2	88·4	81·3	78·2	77·7	77·1	76·9	73·6	70·1	78·6
Ratnagiri . .	11	74·5	74·9	78·5	81·7	83·6	80·2	78·3	78·0	77·8	78·7	77·4	75·3	78·2
Belgaum . .	12—13	71·7	75·9	79·7	80·7	79·5	73·4	70·7	70·3	70·7	73·8	72·9	71·1	74·2
Karwar . .	9—10	75·1	75·4	79·3	81·9	83·2	78·8	77·3	76·9	76·9	77·5	76·6	75·4	77·9
Gopalpur . .	5	69·2	73·4	8·5	80·6	82·9	83·5	81·9	82·5	82·7	80·7	74·1	65·3	77·9
Vizagapatam .	18	75·7	78·8	83·2	86·2	87·9	87·5	85·2	85·3	84·9	83·2	79·2	75·2	82·7
Rajahmundry .	3—4	75·5	79·3	83·7	88·0	89·9	86·8	82·2	82·8	83·4	81·1	77·7	74·7	82·1

TABLE XI.—*Average monthly mean temperatures of 134 stations in India, Ceylon, &c.*—concluded.

STATIONS.	Years.	January.	February	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Masulipata m	17—18	74·4	76·7	80·7	84·6	88·0	86 8	83·8	83·5	82·7	81·0	77·5	74·3	81·2
Secunderabad	17—18	70·3	75·7	82·2	87·0	88·5	81·8	77·0	77·2	76·6	76·0	71·9	68·9	77·8
Kurnool	5—6	75·3	79·9	86·9	91·6	91·3	84·5	81·1	81·0	80·8	79·8	76·4	73·4	81·8
Bellary	17—18	73·1	78·5	85·2	89·0	88·0	83·0	80·6	80·6	79·9	78·6	75·2	72·3	80·3
Mangalore	7—8	76·3	77·6	80·9	83·3	82·8	78·1	76·7	76·6	77·1	78·0	78·3	77·4	78·6
Mercara	7—8	64·4	67·6	70·3	71·6	70·2	65·5	63·9	64·3	64·4	65·9	65·3	64·2	66·5
Bangalore	17—18	67·3	71·8	76·7	80·0	78·5	74·0	72·1	72·2	72·2	71·8	69·7	67·3	72·8
Cuddapah	3—4	76·2	80·7	87·7	92·5	92·9	88·0	85·3	84·5	84·1	81 4	77·0	74·9	83·8
Madras	28	75·6	77·2	80·8	84·8	87·3	87·4	85·4	84·5	84·0	81·2	78·2	76·0	81·9
Salem	17—18	75·4	78·7	83·4	86·5	85·0	82·4	81·0	80·4	80·3	78·8	76·8	74·9	80·3
Wellington	14—16	55·3	58·2	62·6	65·1	65·6	63·3	62·6	62·4	62·0	60·6	58·4	55·8	61·0
Coimbatore	18	73·7	76·9	81·1	83·3	81·2	77·9	76·7	77·0	77·2	76·8	75·6	73·7	77·6
Trichinopoly	17—18	75·7	78 5	83·2	87·3	87·6	86·1	85·1	84·0	83·2	80·6	77·8	75·5	82·1
Negapatam	17—18	76·4	78·0	81·7	84·7	86·0	85·4	84·3	83·2	82·7	80·9	78·4	76·4	81·5
Madura	17—18	77·0	79·1	82·9	85·7	85·8	84·9	84·3	83·5	83·0	80 6	78·6	76·8	81·9
Cochin	16—17	78·7	80·1	82·6	83·8	82·0	78·3	77·3	77·7	78·2	78·8	79·4	78·9	79·7
Colombo	16—17	78·9	80·1	82·0	83·0	82·5	81·1	80·6	80·6	80·8	80·3	79·7	79·1	80·7
Jaffna	15	77·5	79·1	82·5	85·2	84·8	83·5	82·5	82·3	82·2	81·3	78·9	77·4	81·4
Trincomalee	13—15	77·1	78·4	80·6	82·6	83·2	83·0	82·4	81·6	81·6	79·9	78·1	77·2	80·5
Batticaloa	15—18	76·8	78·2	80·3	82·5	83·4	83·1	82·8	82·2	81·8	80·5	78·3	76·8	80·6
Hambantota	17—18	78·1	79·2	80·9	82·4	81·3	80·6	80·1	80·1	80·0	79·8	78·7	78·6	80·0
Galle	16—17	77·7	79·0	80·7	81·6	81·4	80·1	79·3	79·6	79·7	79 3	78·6	78·0	79·6
Kandy	16—17	73·2	74·9	77·6	78·0	77·9	75·5	75·0	75·2	75·0	74·7	74·3	73·7	75·4
Newera Eliya	16—17	56·6	57·1	58·7	59·5	60·2	57·7	56·6	57·9	57·3	57·6	57·7	53·7	57·5
Akyab	18—20	69·5	72·7	78·7	83·6	84·1	81·7	80·7	80·8	81·8	81·5	77·7	72·0	78·7
Thayetmyo	9—11	68·4	72·8	81·7	87·3	85·5	80·8	80·4	80·2	80·7	80·6	76·3	70·9	78·8
Toungoo	8—11	69·9	73·6	80·8	85·4	83·3	79·0	78·2	78·1	79·6	80·3	77·3	72·2	78·1
Bassein	10—11	71·6	74·8	79·7	82·8	82·1	78·8	78·1	78·1	78·3	78·8	77·6	73·8	77·9
Diamond Island	8—10	75·2	76·4	79·1	82·1	82·2	79·3	78·3	78·5	78·6	79·7	78·8	76·9	78·8
Rangoon	11—12	74·9	77·1	81·2	84·0	82·1	78·8	77·8	77·8	78·4	80·0	78·4	75·8	78·9
Moulmein	11—12	75·1	77·3	81·2	83·0	81·4	77·9	76·9	77·1	77·7	79·9	78·4	75·6	78·5
Mergui	10—11	76·5	78 9	80·3	80·9	79 7	77·0	76·3	76·7	76·5	77·6	77·1	75·8	77·8
Port Blair	19—20	79·2	79·6	81·7	83·4	81·4	80·6	79·9	79·6	79·2	79·7	80·0	79·2	80·3
Nancowry	13—15	79·5	80·5	81·6	82·4	81·2	80·3	79·8	79·5	79·4	78·8	78·9	78·6	80·0

TABLE XII.—*Comparison of monthly mean temperatures in 1887, with the averages of Table XI.*

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Aden	+0·1	−0·2	−0·6	−0·8	−0·4	+0·3	−0·6	−2·2	−1·1	−2·1	−0·1	+0·2	−0·6
Mauritius	−0·9	−2·4	−1·3	−2·3	−1·5	−1·2	−1·1	−2·5	−1·5	−1·4	−1·3	−1·6	−1·6
Bushire	−1·5	−0·7	−0·7	+0·4	−1·1	+1·4	+0·6	−0·2	+1·3	+1·1	+1·6	−0·3	+0·2
Amini Divi	?	?	+0·4	?	−0·1	−1·4	+0·5	+0·6	+0·5	+0·6	+0·6	+0·4	?
Quetta	−3·0	+1·7	+0·3	+2·5	+0·6	−0·3	+1·6	+0·7	−3·7	−0·3	0	−0·1	0
Leh	−2·2	+0·4	+0·3	+1·7	+2·0	−4·2	+3·4	+0·2	−0·8	+2·6	+1·3	+0·6	+0·4
Mooltan	−1·1	+1·3	+1·1	+3·8	+2·0	−4·8	+1·2	+1·2	+0·7	+1·0	−0·4	+1·6	+0·6
Dera Ismail Khan	−0·3	+1·5	+3·3	+3·6	+5·0	−1·8	+1·6	+0·9	0	+2·1	+0·6	+1·0	+1·5
Peshawar	−2·5	+2·1	+2·0	+4·2	+6·4	+0·4	+2·4	−0·5	−2·0	+0·8	+0·9	+1·1	+1·3
Murree	−5·2	+1·3	+1·8	+2·7	+6·6	−0·9	0	−1·9	−1·9	−1·0	+2·0	−0·1	+0·3
Rawalpindi	−1·5	+0·3	+2·0	+4·3	+6·0	−1·3	+0·5	−1·5	−2·0	+1·0	0	0	+0·7
Sialkot	−0·7	+0·5	+3·2	+4·5	+7·5	+1·0	+1·5	−2·4	−1·4	+2·6	+0·1	+1·4	+1·4
Lahore	−1·6	+1·0	+2·3	+3·3	+5·6	−0·4	+1·6	−2·9	−1·2	+0·9	+0·2	+2·1	+0·9
Ludhiana	+0·5	+1·6	+3·5	+3·4	+6·6	+0·2	+0·3	−3·4	−2·4	−0·5	0	+2·2	+1·0
Chamba	−1·1	+3·3	+1·5	+3·1	+8·9	+1·2	+0·7	−0·4	−0·2	+1·1	+0·7	+0·2	+1·6
Kailang	−3·0	+2·6	+0·6	+4·8	+3·2	−2·3	+0·7	−1·5	−2·5	+1·4	+3·5	+3·6	+0·9
Simla	−4·3	+2·4	+1·8	+2·2	?	−1·3	−0·7	−0·7	−0·5	−0·1	+2·0	−0·4	?
Delhi	−1·4	+1·6	+0·7	+1·4	+4·6	−2·3	−3·0	−4·0	−2·5	−1·2	−0·6	+1·5	−0·4
Sirsa	−0·9	+1·4	+2·0	+2·4	+5·3	+0·1	−1·1	−3·7	−1·9	−0·9	−0·2	+1·4	+0·3
Chakrata	−4·4	+2·4	+1·6	+1·1	+4·5	−1·8	−0·7	−0·7	−0·1	−0·6	+0·6	−0·6	+0·1
Dehra	−2·9	0	+0·2	+0·4	+4·4	−2·6	−1·6	−2·5	−2·1	−1·7	−1·0	−0·9	−0·9
Roorkee	−1·6	−0·7	+1·3	+0·8	+5·0	0	−1·4	−2·3	−2·6	−1·0	0	+1·0	−0·1
Ranikhet	−4·3	+2·4	+0·4	−0·7	+4·7	−1·0	0	−1·0	−0·9	−1·3	+0·6	+0·2	−0·1
Pithoragarh	−3·9	+2·9	+0·5	−0·6	+4·6	−0·4	+0·5	−0·5	−0·6	−3·9	+0·7	−0·1	−0·8
Meerut	−0·7	+0·5	+2·1	0	+3·6	−0·5	−1·9	−3·3	−3·3	−0·9	−1·1	+1·1	−0·3
Bareilly	−0·3	+0·4	+1·0	+0·6	+4·8	−0·4	−0·1	−1·8	−1·6	−2·0	?	+1·5	?
Agra	+0·7	+1·5	+2·4	+2·1	+5·2	+1·6	−1·6	−2·8	−1·1	−0·1	+0·4	+2·4	+0·9
Lucknow	−0·2	−0·3	+0·1	−0·7	+2·3	−1·3	−1·7	−3·5	−1·3	−2·1	−1·2	+0·5	−0·8
Gorakhpur	−2·2	−1·5	−0·3	−2·6	+1·0	−2·3	+0·7	−0·9	−0·1	−1·1	−0·3	+0·2	−0·8
Jhansi	−0·9	+0·5	+1·0	+1·2	+3·4	+1·4	−2·5	−3·0	−1·7	−1·3	−1·9	+1·3	−0·2
Allahabad	−1·8	−1·5	−1·2	−1·3	+1·5	+1·4	−1·3	−1·7	−0·8	−1·7	−1·2	+0·6	−0·8
Benares	−0·4	−0·5	−0·2	−1·5	+0·3	−1·5	−1·2	−1·6	−0·5	−0·9	−0·1	+0·6	−0·6
Ghazipur	−0·8	+0·9	−0·3	−2·1	+0·5	−1·0	−0·3	−0·1	−0·9	−0·8	+0·7	+1·1	−0·3
Katmandu	−2·0	+0·2	−0·9	−0·2	+2·2	−1·1	+0·1	+0·1	0	+0·9	+3·1	−0·7	−0·1

TABLE XII.—*Comparison of monthly mean temperatures in 1887, with the averages of Table XI*—continued.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Sibsagar . . .	—0·4	+0·1	+0·2	+1·3	+3·6	—0·5	+1·5	—0·2	+1·5	+0·5	+0·1	—0·1	+0·6
Dhubri	—1·7	+0·6	—1·1	—1·3	+0·7	—1·8	+0·5	—0·2	+0·8	—0·4	+1·2	—0·4	—0·3
Tura	—2·0	+0·8	P	P	P	P	P	P	P	P	P	P	P
Silchar	—1·7	—0·4	—0·3	+0·6	+2·8	—0·5	+1·7	+0·4	+1·3	+0·1	+1·2	+0·1	+0·4
Darjeeling . . .	—4·6	—0·7	—0·4	—1·0	+1·7	—0·7	+0·5	—0·9	+1·0	—0·6	+0·5	+0·8	—0·4
Pedong	P	+0·5	—1·1	—0·1	+1·8	—0·8	—0·3	—0·3	+1·0	—1·0	+0·7	—0·3	P
Mongpoo . . .	—4·9	—0·1	—0·6	—2·4	+1·7	—1·0	+0·8	+0·1	+0·1	—0·1	+0·7	—0·1	—0·5
Purneah	—2·1	—1·8	—0·6	—1·5	+2·8	—1·5	+0·7	—1·1	—0·3	—0·6	+0·3	—0·7	—0·5
Durbhunga . . .	—1·7	—0·5	—0·2	—2·1	+0·3	—2·3	+0·5	—1·0	—0·4	—0·6	+0·5	+0·6	—0·6
Patna	—0·7	—0·8	—0·8	—1·9	—0·3	—3·0	—0·1	—0·3	—0·1	—0·5	+1·1	+0·9	—0·5
Gya	—0·8	—0·3	+0·3	—1·0	+1·2	—1·2	+1·3	+0·4	+0·7	+0·2	+0·4	—0·2	+0·1
Hazaribagh . . .	—2·1	—0·8	+0·6	—0·4	+0·3	—1·2	—0·5	—0·3	—0·5	—0·2	+0·3	0	—0·4
Berhampore . . .	—2·0	—2·2	—1·5	—2·8	—1·5	—1·4	—0·8	—0·7	—0·6	—1·6	—0·4	—0·6	—1·3
Burdwan . . .	—1·6	—2·0	—1·0	—2·8	—0·7	—1·2	—1·2	—0·3	—0·5	—1·8	—0·3	—0·6	—1·2
Jessore	—1·7	—1·9	—0·5	—0·3	—0·6	+0·1	—0·1	+0·1	+0·5	—1·0	+0·3	—0·3	—0·5
Dacca	—1·6	—1·2	—0·7	+0·3	+1·1	0	0	+0·4	+0·8	—0·3	+0·4	—0·3	—0·1
Chittagong . . .	—0·8	—1·7	—0·6	+0·8	+1·1	+0·6	+0·2	+0·3	+0·3	—0·1	+0·6	—0·1	+0·1
Calcutta (*Chowringhee*) . .	—1·5	—1·0	+0·4	—1·1	+0·3	+0·5	—0·2	+0·6	+0·2	—1·1	+0·3	—0·6	—0·3
Do. (*Alipore*) . .	—0·7	—1·7	+0·4	—1·2	+0·2	—0·2	—0·5	+0·5	+0·1	—1·4	—0·1	—0·4	—0·4
Saugor Island . .	—0·1	—2·0	+0·2	—0·4	+0·3	+0·3	—0·1	+0·3	+0·2	—0·9	—0·1	—0·2	—0·2
Cuttack	+0·4	—1·0	+0·5	—0·1	+1·4	—0·1	+0·1	+0·2	+0·8	+0·1	+1·8	+0·7	+0·4
False Point . . .	+0·6	—1·5	+0·6	—0·8	+0·5	—0·1	—0·2	+0·2	0	—0·9	—0·7	—0·9	—0·3
Sambalpur . . .	+0·6	—2·6	+2·1	—1·1	+1·7	+0·8	0	+0·2	—0·3	—1·3	+0·7	—0·3	0
Raipur	+1·2	—0·8	+2·5	0	+2·9	—0·4	—1·0	—0·5	—0·4	—0·8	+1·1	—0·5	+0·3
Nagpur	+1·0	—0·8	+1·2	+0·1	+1·7	—1·8	—1·6	—1·3	—1·0	—1·1	+0·5	—0·7	—0·3
Seoni	+0·3	—1·7	+0·4	—0·4	+2·3	—0·5	—1·4	—1·0	—0·3	—0·6	+0·5	—0·8	—0·3
Jubbulpore . . .	+1·2	—2·8	—0·7	—0·5	+1·6	—0·5	—2·0	—1·3	—1·2	—1·1	—0·5	—0·6	—0·7
Saugor	0	—0·9	—0·6	+0·8	+3·2	+0·3	—1·1	—1·0	—0·2	—1·5	—2·3	+0·4	—0·2
Pachmarhi . . .	+0·5	—1·8	+0·6	0	+1·4	—2·1	—1·2	—0·8	—1·0	—1·6	—0·3	—0·7	—0·6
Hoshangabad . .	—0·1	—2·5	—0·7	+0·1	+0·3	—1·5	—1·8	—0·9	—0·8	—1·4	—1·5	—1·7	—1·0
Khandwa . . .	+0·4	—1·3	0	+0·9	—2·1	—2·9	—2·1	—1·1	+0·1	—1·3	—1·9	—0·7	—1·0
Chanda . . .	+1·5	—2·5	+0·6	+0·2	+2·7	—1·4	—2·1	—1·0	—0·4	—0·5	+1·2	—1·0	—0·2
Sironcha . . .	P	P	P	0	+3·3	—1·0	—1·3	—1·0	—0·2	+0·3	+1·3	—1·3	P

TABLE XII.—*Comparison of monthly mean temperatures in 1887, with the averages of Table XI*—continued.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Chikalda . . .	—0·9	+0·1	0	—0·2	—1·3	—2·0	—1·4	—1·0	—1·0	—0·8	—0·7	—0·7	—0·8
Buldana . . .	+0·8	0	+0·3	+0·6	—2·1	—1·8	—2·4	—1·5	—1·0	—1·1	—1·1	—1·4	—0·9
Akola	+1·1	—2·2	+0·7	+0·1	—0·9	—1·0	—2·1	—1·2	—0·6	—1·0	+0·1	—1·4	—0·7
Amraoti . . .	+0·3	—0·8	+0·3	+0·8	—0·7	—1·2	—2·2	—1·8	—0·5	—0·2	+0·9	—0·5	—0·5
Makhla	—0·5	+0·6	+0·2	+0·6	—0·6	—0·6	—1·3	—0·7	—1·0	—1·4	0	—0·5	—0·4
Neemuch . . .	+0·6	?	—0·5	?	+1·7	—2·0	—1·8	—1·6	—0·4	—0·6	0	+0·7	?
Nowgong . . .	—0·2	—1·1	—1·1	—0·9	+2·7	+0·8	—2·0	—2·0	—1·2	—1·9	—0·8	+1·0	—0·6
Sutna	—0·1	—0·8	—1·2	—0·4	+2·2	0	—1·6	—1·7	—0·2	—1·4	—0·4	+0·8	—0·4
Indore	+0·4	—0·3	—0·1	+0·7	+0·5	—0·8	—1·8	—1·4	—0·8	—1·0	—0·7	+0·7	—0·4
Bickaneer . . .	—2·4	+2·4	+0·5	+1·0	+3·6	—1·3	—0·8	—0·6	+0·5	—2·3	+0·5	+1·6	+0·2
Jeypore . . .	—1·2	+2·0	+0·4	+1·5	+4·2	+0·4	—2·6	—2·9	—1·3	+0·6	—0·1	+1·9	+0·2
Sambhar . . .	—1·8	+0·6	+0·7	+0·1	+2·2	+0·3	—1·2	—2·0	+0·1	—1·3	—2·2	+0·9	—0·3
Ajmere	+0·1	+2·8	+3·1	+2·6	+3·6	+0·8	—2·4	—1·4	—0·9	0	—0·6	+1·6	+0·8
Mount Abu . . .	—1·3	+1·9	+0·5	+2·0	+0·6	—1·5	—1·3	—1·3	—0·2	+0·3	+1·3	—0·3	+0·1
Pachpadra . . .	—0·8	+1·5	+0·2	+1·5	+1·7	+0·2	—0·3	+0·9	+2·7	+1·1	+3·1	+3·4	+1·3
Jacobabad . . .	—2·0	+1·7	+0·8	+2·7	+4·1	+1·3	+2·6	+1·0	+0·4	+1·2	+1·1	+0·7	+1·3
Hyderabad . . .	—2·2	+2·0	+0·1	+0·1	—0·2	+0·8	—0·7	—0·8	—1·0	—0·2	+1·5	+2·6	+0·2
Kurrachee . . .	—1·6	+1·0	0	+0·4	—0·9	0	—0·8	—1·1	—1·7	—1·0	+1·7	+0·9	—0·3
Bhuj	—1·1	+0·4	—0·7	+0·9	—1·0	—0·7	—2·1	—1·3	—0·5	—0·1	+2·2	+2·1	—0·2
Rajkot	—1·1	—2·3	—0·7	+0·7	—0·5	—1·1	—2·5	—2·7	0	+0·3	+1·6	+2·1	—0·5
Deesa	—0·4	+1·1	—1·0	+1·8	—0·5	—0·7	—1·8	—1·9	—0·9	+0·7	+1·5	+1·5	—0·1
Surat	—1·8	—1·2	—1·3	+0·5	—1·8	—2·5	—2·0	—1·5	—0·2	+1·5	+0·5	?	?
Malegaon . . .	—0·4	—0·7	—0·3	+1·3	—0·8	—1·6	—2·4	—1·7	—0·4	+0·1	—1·1	—0·5	—0·7
Bombay . . .	—1·3	—1·5	—1·2	—1·1	—0·7	—2·1	—1·4	—1·2	—1·1	0	+0·3	+0·3	—0·9
Poona	+0·6	+0·1	—0·8	+0·7	—2·7	—2·4	—1·5	—0·9	—0·5	+0·2	+0·1	—0·9	—0·7
Sholapur . . .	+0·2	—1·8	—0·6	+0·3	—3·0	—1·6	—1·8	—1·9	—0·1	—0·4	+0·8	—0·8	—0·9
Ratnagiri . . .	—1·3	—0·9	—0·8	—0·7	—0·2	—2·1	—0·5	—0·3	—1·2	+0·2	+0·4	+0·6	—0·6
Belgaum . . .	+0·5	+0·8	—1·1	—1·1	—2·0	—2·0	—0·9	—0·6	—0·2	—1·1	—0·3	—1·2	—0·8
Karwar	—1·7	—1·3	—1·1	—1·1	—0·8	—1·7	—0·4	—0·9	—1·0	—0·7	+0·8	+0·4	—0·8
Gopalpur . . .	+2·6	0	+0·5	+0·9	+1·5	+0·1	—0·2	+0·1	+0·7	—0·9	+0·7	+2·6	+0·7
Vizagapatam . . .	+0·5	—0·3	—0·1	—0·7	+1·2	—0·9	—1·1	0	+0·8	0	—0·3	+0·2	—0·1
Rajahmundry . .	+0·5	0	+0·8	—0·7	+3·9	+0·5	—0·5	—0·8	+0·9	+0·5	+0·3	—0·1	+0·4
Masulipatam . . .	0	—1·4	—0·6	—1·5	+4·1	—0·8	—0·7	—1·3	+1·0	—0·2	—0·1	—0·8	—0·2

TABLE XII.—*Comparison of monthly mean temperatures in 1887, with the averages of Table XI*—concluded.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Secunderabad . .	+0·7	−0·3	+1·2	−0·7	+0·8	−1·5	−1·0	−1·1	+0·8	+0·7	+0·5	−0·5	0
Kurnool	−0·5	−0·3	−0·1	−1·4	−1·1	−1·3	−1·0	−1·3	−0·7	+0·6	+0·8	+0·3	−0·5
Bellary	+1·0	−0·7	−0·5	−1·6	−0·9	−2·1	−1·7	−1·4	−0·9	−1·7	−0·6	−1·2	−1·0
Mangalore . . .	0	0	−0·1	−1·0	−0·7	−1·7	−0·3	+0·1	−1·0	−0·7	+0·3	−0·7	−0·4
Mercara . . .	+0·8	+0·2	−0·2	−1·1	−0·8	−1·0	−0·8	−0·3	−1·0	−0·4	−0·2	−0·6	−0·5
Bangalore . . .	+0·8	−1·3	+0·3	−0·2	−0·4	−1·4	−1·0	+0·1	−0·5	−1·3	−0·7	−1·1	−0·6
Cuddapah . . .	+1·0	+0·1	+1·2	−1·0	+0·1	−1·6	−1·2	−1·9	−2·1	−0·7	−0·5	−0·8	−0·6
Madras	−0·7	−1·4	−0·9	−1·1	+1·1	−1·6	−0·3	−2·3	−2·2	−1·7	−0·6	−0·7	−1·0
Salem	+0·9	−0·6	−0·6	−2·0	−0·8	−2·8	−1·3	−0·7	−1·0	−1·7	−1·4	−1·1	−1·1
Wellington . . .	+1·6	−0·1	0	−1·4	−0·7	−1·3	−0·6	−0·3	−0·4	−0·5	+0·2	+0·5	−0·3
Coimbatore . . .	+1·4	−0·7	−0·5	−0·7	−1·2	−2·4	−0·6	+0·8	−0·7	−1·2	−0·1	−1·3	−0·6
Trichinopoly . .	+1·7	+0·3	+0·4	−1·1	+0·5	−1·7	−0·1	−0·1	+0·6	−1·1	−0·3	−0·7	−0·1
Negapatam . . .	+0·4	+0·2	−0·8	−1·1	0	−2·1	−0·5	−0·3	+0·6	−1·3	+0·1	−0·4	−0·4
Madura	+1·3	+0·6	0	−0·3	+1·2	−2·4	+0·4	+0·1	+0·5	−0·9	−0·3	−1·1	−0·1
Cochin	+0·6	−0·3	−0·4	−1·4	−0·4	−2·2	0	+0·5	−0·7	−0·4	+0·1	−0·3	−0·4
Colombo	+0·8	−0·2	−1·0	−2·0	−0·7	−1·7	−0·5	−0·6	−0·4	−1·6	+0·4	−0·9	−0·7
Jaffna	+0·2	−0·2	+0·1	−0·5	−1·1	−1·7	−0·3	−0·4	+0·3	−1·7	0	−1·0	−0·5
Trincomalee . .	+0·3	−0·1	−0·5	−0·4	+1·8	+1·0	+0·8	+0·9	+0·6	−0·4	+0·5	−0·9	+0·3
Batticaloa . . .	−1·0	−1·8	−1·8	−1·6	0	−0·5	−0·1	−1·2	+0·4	−1·1	+0·2	−0·8	−0·7
Hambantota . . .	−0·1	−0·1	−1·0	−1·1	−1·4	−1·1	−0·5	−0·6	+0·6	−1·0	+0·4	−1·2	−0·6
Galle	0	−0·9	−0·8	−0·9	−0·2	−1·1	+0·4	+0·1	+0·4	−1·4	+0·3	−0·5	−0·4
Kandy	−0·7	−1·6	−1·6	−1·7	−0·7	−0·6	0	−0·1	−0·1	−1·3	−0·1	−1·0	−0·8
Newera Eliya . .	−0·9	−0·9	−0·8	−1·2	−1·7	−2·7	−1·1	−0·5	−0·9	−1·3	−1·7	+2·1	−0·9
Akyab	−0·4	−1·2	+0·3	+0·6	0	+1·9	+0·2	−0·1	−0·3	+1·0	+1·6	+1·2	+0·3
Thayetmyo . . .	−1·4	−1·9	−1·0	−0·4	−1·9	+1·4	−0·5	+0·1	−1·1	−0·4	+1·0	−0·5	−0·6
Toungoo	−1·4	−0·3	+1·1	+0·7	−0·4	+0·6	−0·4	+0·8	−1·0	−0·3	+0·9	−0·5	0
Bassein	−0·1	−0·9	−0·3	−0·3	−2·3	−0·4	0	−0·4	−0·2	−0·2	+0·8	+0·7	−0·3
Diamond Island . .	−0·4	−2·1	−1·4	−0·8	−1·9	−1·1	−1·2	−1·3	−1·0	−0·7	−0·1	−0·2	−1·0
Rangoon . . .	−0·8	−0·9	−0·4	−0·3	−3·1	−0·7	−0·4	0	−0·5	−0·3	+1·7	+1·5	−0·4
Moulmein . . .	−0·3	−0·5	−1·4	−0·9	−2·3	−0·1	−0·2	−0·3	−0·7	−0·5	+0·3	+0·9	−0·5
Mergui	−0·7	−2·2	−1·9	−1·5	−2·5	−0·3	0	+0·4	−0·1	+0·2	−1·5	−1·7	−1·0
Port Blair . . .	+0·3	−0·9	−0·7	−0·4	−0·9	−1·8	−1·2	−1·2	+0·2	−0·6	−0·2	+0·6	−0·6
Nancowry . . .	+0·2	−2·3	−3·0	−1·5	−1·8	−2·1	−2·6	−0·6	−0·2	+0·1	−0·8	−0·1	−1·2

TABLE XIII.—*Geographical Summary of the differences of Table XII.*

PROVINCES.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
North-Western Himalaya .	7—8	—3·6	+2·2	+1·1	+1·8	+4·9	—1·3	+0·5	—0·8	—0·9	—0·2	+1·6	+0·4	+0·5
Sikkim, Himalaya and Nepal.	3—4	—3·8	0	—0·8	—0·9	+1·9	—0·9	+0·3	—0·3	+0·5	—0·2	+1·3	—0·1	—0·3
Punjab Plains . . .	9	—1·1	+1·3	+2·2	+3·4	+5·4	—1·0	+0·6	—1·8	—1·4	+0·1	+0·1	+1·4	+0·8
Gangetic Plains . .	13	—1·1	—0·3	+0·3	—0·8	+2·4	—1·0	—0·7	—1·8	—1·1	—1·1	—0·2	+0·7	—0·4
Western Rajputana, Sind, Cutch and Guzerat.	8—9	—1·4	+1·5	0	+1·0	+0·8	—0·3	—0·9	—0·9	—0·1	0	+1·6	+1·6	+0·2
Eastern Rajputana and Central India.	8—9	—0·3	+0·4	+0·2	+0·7	+2·6	+0·1	—1·9	—1·9	—0·7	—0·9	—1·0	+1·0	—0·1
Nerbudda Valley . .	3	+0·5	—2·2	—0·5	+0·2	—0·1	—1·6	—2·0	—1·1	—0·6	—1·3	—1·3	—1·0	—0·9
South Behar and Chutia Nagpur.	2	—1·5	—0·6	—0·5	—0·7	+0·8	—1·2	+0·4	+0·1	+0·1	0	+0·4	—0·1	—0·2
Lower Bengal . .	7	—1·3	—1·7	—0·4	—1·2	—0·1	—0·3	—0·4	+0·1	+0·1	—1·2	0	—0·4	—0·6
Assam and Cachar . .	3—4	—1·5	+0·3	—0·4	+0·2	+2·4	—0·9	+1·2	0	+1·2	+0·1	+0·8	—0·1	+0·3
Orissa and Sambalpur .	4	+1·1	—1·3	+0·9	—0·3	+1·3	+0·2	—0·1	+0·2	+0·3	—0·8	+0·6	+0·5	+0·2
Central Provinces South, and Berar.	10—11	+0·5	—1·0	+0·7	+0·2	+0·8	—1·3	—1·6	—1·1	—0·7	—0·8	+0·3	—0·9	—0·4
Konkan . . .	3—4	—1·5	—1·2	—1·1	—0·6	—0·9	—2·1	—1·1	—1·0	—0·9	+0·3	+0·5	+0·4	—0·8
Malabar Coast . .	2	+0·3	—0·2	—0·3	—1·2	—0·6	—2·0	—0·2	+0·3	—0·9	—0·6	+0·2	+0·2	—0·4
Deccan, Hyderabad and Mysore.	9	+0·4	—0·4	—0·2	—0·4	—1·2	—1·7	—1·4	—1·1	—0·4	—0·4	—0·1	—0·5	—0·6
East Coast and Carnatic .	10	+0·7	—0·3	—0·1	—1·0	+1·0	—1·6	—0·6	—0·7	—0·2	—0·8	—0·3	—0·7	—0·4
Ceylon	7	—0·1	—0·7	—0·9	—1·2	—0·3	—0·8	0	—0·3	+0·3	—1·2	+0·2	—0·9	—0·5
Arakan and Pegu . .	7	—0·8	—1·3	—0·3	0	—1·2	+0·3	—0·3	—0·1	—0·5	—0·1	+0·9	+0·3	—0·3
Tenasserim . . .	2	—0·5	—1·4	—1·7	—1·2	—2·4	—0·2	—0·1	+0·1	—0·4	—0·2	—0·6	—0·4	—0·8
Bay Islands . . .	2	+0·3	—1·6	—1·9	—1·0	—1·4	—2·0	—1·9	—0·9	0	—0·3	—0·5	+0·3	—0·9
Whole of Northern India .	...	—1·3	0	+0·2	+0·3	+2·0	—0·7	—0·3	—0·7	—0·2	—0·5	+0·4	+0·4	0
Whole of Southern India .	...	—0·1	—0·9	—0·6	—0·7	—0·7	—1·3	—0·8	—0·5	—0·4	—0·5	+0·1	—0·2	—0·6

January—Was an unusually stormy month in some parts of the Himalayas, more especially the eastern districts. In the Afghan mountains the snowfall was less in amount than in January 1886. On the Safed Koh there were snow storms on the 9th, 11th, 12th, 13th, 14th, 24th and 28th. The snowfall of the 9th, 11th and 12th was large in amount. The higher elevations of the Safed Koh, and the mountains to the south of the Kurram valley, were covered with snow at the end of the month, but the total fall of the month was less than that of January 1886. The snowfall in the Punjab Himalayas was also smaller than during the corresponding months of the past three or four years. Heavy snow fell in Lahoul and Spiti on the 8th, 9th and 10th at elevations above 6,000 feet, and frequent light showers during the remainder of the month. The snowfall during the month in Ladak was unusually small, and hence many of the passes, which are usually closed in January, were open during the whole month. Thus, on the Potŏla pass (13,400 feet high), not more than 2 feet of snow fell, and the communication over that pass, which is frequently suspended for two months in winter, was open during almost the whole of the month. The

snowfall further north was also very light as traders were able to cross the Kailas range from the Yarkand direction in the middle of January.

In the Sikkim Himalayas the snowfall of January was above the average amount, whilst further eastward in the Assam Himalayas it was very heavy. The Deputy Commissioner of Darrang states that it was much larger in amount than in January 1886, and that there was an exceptionally heavy fall in the latter part of the month which blocked all the passes. The Deputy Commissioner of Kamrup and Sadiya gives similar information, and also states that the hillmen informed him, the snowfall during January was unusually heavy.

From these accounts it is clear that whilst the snowfall was less than the average on the Western Himalayas, it was excessive in amount over a large part of the Eastern Himalayas.

The abnormal conditions accompanying this distribution of snowfall on the mountains to the north and north-west of India are, to a certain extent, reflected in the temperature variations of the month. The mean temperature of the month was considerably below the average of the month at the hill stations, the deficiency being most marked at the hill stations on the southern face of the Himalayas. This is illustrated by the following data:—

Station.	Deficiency.	Station.	Deficiency.
Murree	5·2°	Darjeeling	4·9°
Simla	4·3°	Quetta	3·0°
Chakrata	4·4°	Leh	2·2°
Ranikhet	4·3°	Kailang	3·0°

The mean temperature of the month was below the normal over the whole of Northern India. The deficiency averaged from 1° to 1½° in the Punjab, North-Western Provinces, Rajputana, Behar, Bengal and Assam. The mean deficiency over Northern India to the north of the parallel of 20° N. was 1·3°. The most important feature in the temperature variations of the month in Northern India was that they decreased in amount from the Himalayas southward. The variations of the following sets of stations illustrate this point—

Station.	Variation.	Station.	Variation.
Roorkee	−1·6°	Purneah	−2·1°
Meerut	−0·7°	Patna	−0·7°
Agra	+0·7°	Dhubri	−1·7°
Gorakhpur	−2·2°	Dacca	−1·6°
Allahabad	−1·8°	Chittagong	−0·8°
Sutna	−0·1°	Berhampore	−2·0°
Jubbulpore	+1·2°	Calcutta	−0·7°
		Saugor Island	−0·1°

The effect was hence, in part at least, due to a cooler and steadier outflow of air than is usual in January from the Himalayan region over Northern India. A similar effect is shewn by the temperature variations of the month in North-Western and Western India, which are mainly under the influence of northerly winds flowing from the region of anticy-

clonic conditions in East Persia, Beluchistan and Afghanistan at this period of the year. The following are the variations along three lines of stations running north and south:—

1st	Jacobabad	−2·0°	Surat	−1·8°
	Hyderabad	−2·2°	Bombay	−1·3°
	Kurrachee	−1·6°	Ratnagiri	−1·3°
	Rajkot	−1·1°		
2nd	Peshawar	−2·5°	Malegaon	−0·4°
	Mooltan	−1·1°	Poona	+0·6°
	Deesa	−0·4°		
3rd	Jeypore	−1·2°	Indore	+0·4°
	Ajmere	+0·1°	Khandwa	+0·4°

Hence the action, whatever it may have been, that caused this general decrease of temperature over Northern India during the month, produced its maximum effect at the hill stations on the southern face of the Himalayas at heights of 7,000 feet and upwards. The effect extended over the plains of Northern India, diminishing in amount southwards to the line of hills dividing them from the peninsula, and also along the narrow west coast area as far south at least as Karwar and Mangalore.

Over nearly the whole of the Deccan and Southern India generally, the mean temperature of the month was above the average. The excess was on the whole larger at the southern than the northern stations in that area, as is seen by the variations of a line of stations running southwards from Nagpur to Madura.

Station.	Variation.	Station.	Variation.
Nagpur	+1·0°	Salem	+0·9°
Secunderabad	+0·7°	Trichinopoly	+1·7°
Cuddapah	+1·0°	Madura	+1·3°
Bellary	+1·0°	Coimbatore	+1·4°

It was pointed out in last year's report that the temperature variations of tropical and extratropical India are frequently opposite in character. The present month is the first illustration of the fact in this year's report, and of which several striking examples occur in the meteorology of the year.

The coldest period of the month was from the 15th to the 22nd. During this interval a storm passed eastwards across Northern India, and was immediately followed by very low night temperatures, the most remarkable of which were,—Dera Ismail Khan 30°, Peshawar 31·5°, Rawalpindi 32·5°,—recorded on the nights of the 21st and 22nd.

The effect of heavy snowfall in Himalayan districts in reducing temperature over the adjacent plain districts was very strikingly shewn in Bengal and Assam. The stormy period of the month already referred to which lasted from the 20th to the 23rd in the plains of Behar and Bengal, and until the end of the month in the Assam Himalayas, gave very severe weather and excessive snowfall over the whole of the Assam and Sikkim Himalayas. The

following table gives abnormal temperature data for the week ending 28th January in the case of several well-known stations in Bengal :—

	Variation from average.		
	Maximum temperature.	Minimum temperature.	Mean daily.
	°	°	°
Darjeeling	—9·6	—9·4	—9·5
Purneah	—8·9	—0·3	—4·6
Sibsagar	—5·3	—5·2	—5·3
Dhubri	—7·6	—2·8	—5·2
Dacca	—7·6	—2·2	—4·9
Patna	—5·3	+0·1	—2·6
Burdwan	—7·2	—3·2	—5·2
Calcutta	—7·0	—3·0	—5·0
Cuttack	—3·7	—3·5	—3·6
Saugor Island	—0·6	—2·9	—2·8

These returns shew that the mean temperature of the week following the storm was reduced nearly 10° below the average at Darjeeling, and 5° over the whole of Southern and Central Bengal.

The chief characteristics of these storms were pointed out in last year's report. It is hence not necessary to refer further to them than to point out that the great reduction in temperature over the plains is not simultaneous with snowfall in the adjacent Himalayas, but follows it, and commences with the clearing up of the skies. Before these storms, the temperature is usually considerably above the average. During the storms when the cloud canopy generally extends over a large portion of Northern India, the differences between the night and day temperatures are smaller than usual, and the mean temperature differs little from the normal temperature. With the clearing up of the skies, cool northerly winds set in, and a rapid reduction of temperature ensues which is almost invariably more marked in the day than the night temperatures, as the preceding returns shew. It may be added that the comparison in the preceding table is between the actual temperatures and the corresponding normal temperatures of the week (and not of the month) so that the comparison is approximately exact and rigorous.

February.—The weather was stormy in the hill districts during the first four or five days of the month. In the Safed Koh and neighbouring hills snow fell on the 2nd, 10th, 11th and 19th. There were falls on the 3rd and 5th in Lahoul and Spiti. Heavy snow also appears to have fallen in the Sikkim and Assam Himalayas during the same period, but the accounts unfortunately do not assign dates, and only describe the snowfall during the period in general terms as being very heavy. During the remainder of the month fine settled weather prevailed over the whole of Northern India and adjacent mountain districts, and little or no snow fell in the higher mountain regions.

The stormy weather of the first six days was followed by the usual extension of dry cool weather over the whole of Northern India. This cool period was exceedingly well

marked over the whole of Northern India and more especially in North Bengal and Assam. Lower night temperatures were recorded in North Bengal on the night of the 10th than have been observed for many years. The following are the most remarkable:—

Darjeeling	21·9°	Rungpore	37·0°
Jalpaiguri	36·0°	Dinagepore	38·9°

During this period, from the 7th to the 11th, the lowest night temperatures of the year were recorded at nearly all stations in Northern India. This cool period occurred at almost exactly the same time of the year as the coldest period of the year 1886 (*vide* Analnu Report for 1886 pages 42—43), and the more important meteorological features of the two periods were identical. It is only necessary, therefore, to repeat that the clearing up of the skies after the stormy weather of the first five days of the month in the Himalayas was followed by a very rapid and large decrease of humidity, and by an equally rapid reduction of temperature, and that the change travelled from west to east chiefly, with a subsidiary effect transmitted southwards from the Eastern Himalayas.

The following statement shews that the cold travelled, as a kind of wave, from west to east.

The lowest temperatures of the year were recorded at the following stations :—

on the 7th at—

Quetta	15·0°	Pachpadra	31·3°
Jacobabad	29·0°		

on the 8th at—

Ludhiana	33·8°	Ajmere	32·0°
Sirsa	30·2°	Mussooree	25·0°

on the 9th at—

Peshawar	29·9°	Lucknow	36·9°
Rawalpindi	28·7°	Allahabad	39·1°
Delhi	40·2°	Akola	35·9°
Ranikhet	27·3°	Malegaon	34·1°
Roorkee	34·8°	Bombay	55·9°
Agra	36·5°	Poona	41·5°

on the 10th at—

Durbhunga	43·7°	Raipur	45·0°
Hazaribagh	40·9°	Pachmarhi	34·5°
Jubbulpore	35·3°	Nowgong	36·4°

and on the 11th at—

Dhubri	43·9°	Dacca	47·0°
Purneah	37·9°	Saugor Island	48·8°

The change of meteorological conditions in Northern India which follow stormy periods and snowfall in the hills is so large and rapid that it can apparently only be explained by an indraught of air from the hill districts, to the north and north-west of India, and which partially, if not entirely, displaces the lower atmospheric strata previously in possession of the Gangetic plain.

Temperature commenced to increase on the 11th, and during the latter half of the month increased rapidly over the whole of India. Maximum temperatures slightly exceeding 100° were registered during the last week at nearly all stations in the Deccan, which hence formed the hottest area at that time.

Stations.	Maximum temperature during month.	Date on which recorded.
	°	
Cuddapah	102·4	27th
Amraoti	101·0	28th
Kurnool	101·7	„
Akola	100·7	„
Jacobabad	100·7	27th
Malegaon	100·6	28th
Poona	100·6	„
Sholapur	100·5	„
Pachpadra	100·3	26th
Bellary	100·2	28th
Secunderabad	100·1	„

The variations of temperature were hence very marked. The first half of the month was colder than usual, whilst the second half was warmer. The mean temperature of the month was above the normal in the North-West Himalayas, the Punjab, Assam and Rajputana. The mean temperature was in defect over the remainder of India. The deficiency was most marked in Bengal, Burmah, the Central Provinces and Orissa, where it varied from 1° to 3° in amount. The excess was above 2° at the following stations:—

Ajmere	2·8°	Ranikhet	2·4°
Kailang	2·6°	Bickaneer	2·4°
Simla	2·4°	Peshawar	2·1°
Chakrata	2·4°		

The deficiency was largest in the following cases:—

Jubbulpore	2·8°	Berhampore	2·2°
Sambalpur	2·6°	Mergui	2·2°
Hoshangabad	2·5°	Diamond Island	2·1°
Chanda	2·5°	Burdwan	2·0°
Nancowry	2·3°	Saugor Island	2·0°
Akola	2·2°		

March.—The snowfall in the Afghan mountain districts during the month of March was small in amount. Light showers of snow fell on the 14th, 15th, 19th, 20th and 21st on the higher mountains. In the Himalayan area the weather was more severe, and the snowfall much larger in amount. Thus, in Lahoul and Kulu, the weather was very warm until the 13th, when a heavy snow storm occurred which brought the snow line down to 5,000

feet, and the weather was cold during the remainder of the month. In Ladakh the weather was cold and unseasonable during the whole month. In the Upper Sutlej a heavy fall of snow occurred, one of the heaviest of recent years in the month of March. No special account of the snowfall in the Assam and Sikkim Himalayas has been received for this month.

In North-Eastern India (*i. e.*, Bengal, Assam, and perhaps Upper Burma), the weather was unusually disturbed during the latter half of the month. Two series of thunder storms visited Bengal during this period. The second series was due to a large and prolonged disturbance which gave heavy and general rain over the whole of Bengal. In Upper and Central India the weather was generally fine and dry throughout the month and temperature increased rather rapidly.

The hot weather over the whole of India with the exception of the Punjab, usually dates from the beginning of March. Temperature however does not increase, on the average of the whole of India, so rapidly as in April or May. The chief effect of the change of temperature at this time is to increase temperature more rapidly in Central than in Southern India, and hence to equalize the day temperature over the greater part of the interior to the south of the Satpuras.

The highest temperatures of the month were registered during the last week of the month, chiefly in the Central Provinces, Berars and Deccan. The following give those exceeding 105°:—

Hyderabad	106°·6	recorded on the 25th	Jacobabad	106°·0	recorded on the 26th
Cuddapah	106°·2	„ 28th	Deesa	105°·3	„ 24th
Kurnool	106°·1	„ 26th	Chanda	105°·1	„ 25th

At the end of the month, maximum temperatures exceeding 100° were generally registered in the Bombay and Madras Deccan, the southern districts of Madras, the Berars, the Central Provinces and the greater part of Central India, Guzerat, Rajputana and Sind.

The daily range of temperature is always large in the month of March. The following gives the mean daily range in the different provinces:—

Province.	No. of Station.	Mean daily range.
		°
Punjab	9	31·3
N.-W. Provinces	11	30·2
Rajputana	5	31·5
Central India	3	33·3
Behar	4	26·6
Bengal	8	19·8
Assam	4	19·6
Central Provinces	7	31·3
Konkan	4	18·3
Deccan	8	30·4
Carnatic	9	20·2
Arakan	7	20·9

The mean temperature of the month was in defect over the greater part of the country, but it was only in Ceylon, Tenasserim, the Bay Islands and the Konkan that the deficiency was at all marked. In these four districts the deficiency varied in amount from 1° in Ceylon to 2° at the Bay Islands.

The mean temperature of the month was above the average in the North-Western Himalaya, the Punjab, North-West Provinces, Oudh, Orissa, the Central Provinces and Rajputana. The excess was large in the Punjab only, for which it averaged 2·2° It was greatest at the following stations:—

Station.	Variation.	Station.	Variation.
Ludhiana	+3·5°	Sialkot	+3·2°
Dera Ismail Khan	+3·3°	Ajmere	+3·1°

April.—The accounts of snowfall for this month are even more meagre than for the preceding month. In the Safed Koh and neighbouring high mountain districts, there was a severe snow storm on the 5th. Storms occurred in Lahoul and Kulu on the 5th and 6th, but the weather during the remainder of the month was warm and sunny, and the snow melted very fast in exposed positions. Many hill sides were clear of snow at the end of the month up to a height of 12,000 feet. In the plains the weather was more settled than usual throughout the month. The only districts in which thunder storms gave a slightly larger amount of rain than the normal were the North-Western Provinces, Malabar, Mysore and the Carnatic. Hence over the greater part of the country temperature increased even more briskly than usual. The most rapid increase of temperature occurred in the Punjab. The mean maximum temperature in the Punjab plains was 90·2° at the beginning of the month and 102·7° at the end of the month, giving an apparent increase of 12·5°. The mean minimum temperature at the beginning of the month was 54·9°, and at the end of the month 75·6°, showing an increase of 20·7° during the month.

The mean temperature of the month was above the average in the Punjab (3·4°), the N.-W. Himalayas, Rajputana, Assam and the Central Provinces. It was below it in all other districts, the deficiency slightly exceeding 1° in Bengal, Malabar, Carnatic, Ceylon and the Bay Islands.

The excess was greater than 3° at the following stations:—

Kailang	4·8°	Dera Ismail Khan	3·6°
Sialkot	4·5°	Ludhiana	3·4°
Rawalpindi	4·3°	Lahore	3·3°
Péshawar	4·2°	Chamba	3·1°
Mooltan	3·8°		

The deficiency exceeded 2° at:—

Burdwan	2·8°	Durbhunga	2·1°
Berhampore	2·8°	Ghazipur	2·1°
Gorakhpur	2·6°		

Maximum temperatures exceeding 105° were registered at some time during the month over the whole of the interior of the country excepting the immediate neighbourhood of the hills in Northern India. In the last week of the month maximum temperatures

exceeding 110° were registered at Agra (113·2°), Jhansi (113·0°), Chánda (112·9°), Akola (112·7°), Pachpadra (112·7°), Delhi (111·2°), Sirsa (111·1°), Lucknow (110·3°), Allahabad (110·6°), Benares (110·2°), Nagpur (111·1°), Hoshangabad (112·9°), Khandwa (111·2°), Amraoti (112·2°), Nowgong (111·2°), Bickaneer (110·2°), Jeypore (110·1°), Deesa (110·6°), Rajkot (111·3°), and Hyderabad (Sind) (110·7°). These figures shew that the hottest area at the end of the month included Sind, Rajputana, Central India, Guzerat, the Central Provinces, Berar and the greater part of the North-West Provinces.

May.—This month was unusually dry and free from storms in Central and Upper India, and hence temperature increased with excessive rapidity in Upper India, and culminated in a period of intense heat during the last fortnight of the month. The maximum day temperature in the Punjab averaged 111·5° on the 27th, and 113·6° on the 28th, on which day it was 10° higher than on the 1st of the month. The minimum or night temperature averaged 75·8° on the evening of the 29th, or 6° higher than at the commencement of the month. The first advance of the South-West monsoon current occurred earlier than usual, and gave rise to a fierce cyclonic storm in the north of the Bay which marched across Orissa into Behar, and gave a flood of rain to nearly the whole of Bengal.

The mean temperature of the month was slightly in defect in that part of the country influenced by the south-west monsoon current during the latter part of the month, *viz.*, Burma, Bengal, and the greater part of the Deccan and South India. The defect exceeded 2° at the following stations:—

Station.	Variation.	Station.	Variation.
Sholapur	—3·0°	Mergui	—2·5°
Poona	—2·7°	Bassein	—2·3°
Rangoon	—3·1°	Moulmein	—2·3°

It was in excess over the whole of North-West and North India except Bengal. The excess averaged 5·4° for the Punjab, 2·4° for Assam and the North-West Provinces, and varied between 1° and 2·6° for Behar, Orissa and Rajputana.

The following list gives the largest and most remarkable variations:—

Station.	Variation.	Station.	Variation.
Chamba	+8·9°	Lahore	+5·6°
Sialkot	+7·5°	Sirsa	+5·3°
Rawalpindi	+6·6°	Agra	+5·2°
Peshawar	+6·4°		

This excessive temperature was, as in the previous month, most marked in the Punjab, and at Agra in the North-West Provinces.

The highest temperatures of the year were those registered at the following stations in the last week of the month:—

Jacobabad	122·4° on the 29th	Bickaneer	116·2° on the 29th
Pachpadra	119·8° „ 28th	Lahore	116·1° „ 29th
Dera Ismail Khan	118·5° „ 30th	Ludhiana	116·0° „ 28th
Hyderabad	118·0° „ 28th	Jeypore	115·2° „ 29th
Sirsa	117·8° „ 29th	Deesa	115·0° „ 27th
Agra	116·6° „ 28th		

The following table (similar to that given on page 48 of the Report for 1886) gives the highest temperature in the shade observed in India in each of the past thirteen years :—

Year.	Stations.	Maximum Temperature.	Month.
1875	Dera Ismail Khan	125·0°	June.
	Sialkot		
1876	Sialkot	120·0°	„
1877	Jacobabad	118·9°	„
1878	Agra	120·3°	„
1879	Jacobabad	120·7°	„
1880	Lahore	119·5°	„
1881	Pachpadra	122·3°	May.
1882	Pachpadra	119·5°	„
1883	Dera Ismail Khan	121·5°	June.
1884	Jacobabad	120 8°	„
1885	Jacobabad	116·9°	July.
1886	Pachpadra	123·1°	May.
1887	Jacobabad	122 4°	„

Mr. Blanford has called my attention to the fact that the maximum temperatures observed previously to 1876 in the Punjab are not comparable with those of recent years. The thermometers at the Punjab stations in 1875 and previously, were exposed on stands, which were intended to be of the Glaisher pattern, but some of them afforded even less protection against radiation than the real Glaisher stand, the use of which has been generally given up in England as the instruments are always found to be affected by radiation, and to give higher readings than those of the true temperature of the air in the shade. Hence the Sialkot and Dera Ismail Khan maximum temperatures for 1875 are not comparable with the later temperatures, and the highest temperatures since 1875 are :—

Pachpadra . . 123·1° in May 1886 | Jacobabad . . 122·4° in May 1887

A small area, including the lower portion of the Kistna valley and delta, is usually, in May, an area of local excessive temperature in Southern India. The average maximum temperature of that area for the last week of the month of May 1887 (as given by the temperature observations of Rajahmundry and Masulipatam) was 114·1°.

One of the more important effects of the commencement of the south-west monsoon in Northern India is the large reduction of temperature which accompanies it. The cyclonic storm of the last week of May in Bengal and Behar shewed the extent and rapidity of this change in a very striking manner. The change is due partly to the displacement of the day land-winds blowing over a heated land-surface by humid winds coming from a sea area of comparatively moderate and uniform temperature, and partly to the fact that the sun's heat which reaches the earth's surface is utilized in evaporating the

moisture which it contains and not as in the dry weather in raising its temperature. The following table shows the extent of the change at several stations in Bengal and Behar produced by the first burst of the monsoon in 1887—

Stations.	Highest Temperature of 24 hours preceding 10 A.M.			
	May 24th.	May 25th.	May 27th.	May 28th.
	°	°	°	°
Cuttack	107·4	105·9	86·4	92·9
Calcutta	98·4	96·0	84·5	87·5
Dacca	98·1	98·1	82·1	89·1
Burdwan	101·7	99·7	87·0	90·6
Hazaribagh	101·5	100·5	76·9	76·4
Gya	104·5	108·6	93·4	87·0
Patna	102·0	107·6	94·4	76·3
Purneah	102·2	104·2	91·2	76·0

The most remarkable cases are undoubtedly those of Patna, where the mid-day temperature of the 27th was 31·3° lower than that of the 24th, and Purneah, where it was 28·2° lower.

June.—The south-west monsoon was established over the greater part of the country in the beginning of June. It was slightly retarded on the Bombay coast but advanced as far as Bombay on the 5th and 6th, and quickly extended over the Central Provinces and Central India. The Bay of Bengal current had been established over the whole of Bengal, Behar, and the eastern districts of the North-West Provinces in the last week of May. The rain monsoon did not set in properly during the month over the western districts of the North-West Provinces and the Punjab, although the humidity increased largely. The temperature was however reduced by the prevalence of clouded skies, occasional showers of rain, and a high humidity. Hence south-west monsoon conditions prevailed over the whole country, even in those districts where the rainfall was much below the average. Temperature was hence very considerably reduced and the average temperature of the month was below the average for all the meteorological districts, except Orissa and Sambalpur, Eastern Rajputana, and Arakan and Pegu, in which districts there was a slight excess. The deficiency was greatest in Malabar and Konkan, where it was 2°. It exceeded 1° in the Deccan (1·7°), Carnatic and East coast (1·6°), Central Provinces (1·3°), North-West Himalayas (1·3°), Behar and Chutia Nagpur (1·2°), and the North-West Provinces and Punjab (1·0°). The following gives the stations at which the deficiency was greater than 2°:—

Leh	4·2°	Patna	3·0°
Mooltan	4·8°	Pachmarhi	2·1°
Kailang	2·3°	Khandwa	2·9°
Delhi	2·3°	Surat	2·5°
Dehra	2·6°	Bombay	2·1°
Durbhunga	2·3°	Poona	2·4°

Ratnagiri	2·1°	Madura	2·4°
Bellary	2·1°	Cochin	2·2°
Salem	2·8°	Newera Eliya	2·7°
Coimbatore	2·4°	Nancowry	2·1°
Negapatam	2·1°		

These figures show that the decrease was most marked over the whole of Southern and Western India, and in the hill districts of Upper India (more especially Leh, where the weather was cold and wet).

July.—The temperature variations are always small during the south-west monsoon unless the monsoon rain giving currents fail to reach any portion of the interior. This was not the case in 1887. The Bombay monsoon was more vigorous than usual, whilst the conditions of the interior were such as to facilitate its advance into the Central Provinces and Upper India. The Bay of Bengal current blew somewhat weakly on land, and hence during the earlier part of the monsoon the rains did not set in fully and strongly over the Punjab until nearly the end of July.

The average temperature for the month was in excess only in Assam (1·2°), the Punjab (0·6°), and the North-West Himalayas (0·5°).

It was in defect in all other districts, the defect being as usual largest in the areas of most excessive rainfall. These were as follows:—

	Defect.		Defect.
Rajputana	1·9°	Central Provinces	1·6°
Central India	1·8°	Deccan	1·4°
Bay Islands	1·9°	Konkan	1·1°

The effect of the excessive local rain in Central India and Rajputana, &c., is more fully shown by the following local variations of temperature:—

Delhi	3·0° in defect.	Amraoti	2·2° in defect.
Nowgong	2·0° ,,	Chanda	2·1° ,,
Jeypore	2·6° ,,	Khandwa	2·1° ,,
Jhansi	2·5° ,,	Akola	2·1° ,,
Buldana	2·4° ,,	Jubbulpore	2·0° ,,
Malegaon	2·4° ,,	Surat	2·0° ,,

The variations are explained by the character and distribution of the rainfall which was excessive and very considerably above the average in the Central Provinces and Berars, and in a belt of country stretching from Delhi, Agra, and Jhansi across Ajmere to Mount Abu.

The Indus valley was the only area in which temperature was considerably in excess. Thus, at Jacobabad the mean temperature of the month was 2·6° in excess, and at Peshawar 2·4°.

In consequence of the partial distribution of the rainfall in Upper India, high temperatures continued to be registered during the month in the Punjab and Sind. The following give all the stations at which maximum temperatures exceeding 110° were registered, and the highest observed temperature during the month at these stations:—

Station.	Maximum temperature observed during month.	Date.	Station	Maximum temperature observed during month.	Date.
Jacobabad	115·4°	10th.	Rawalpindi	111·6°	2nd.
Peshawar	115·3°	10th.	Sialkot	111·5°	1st.
Dera Ismail Khan	114·5	1st.	Lahore	110·1°	10th.

August.—The monsoon continued to blow with great steadiness across the Bombay coast during the month of August. The weather was less stormy in the Bay and the Bengal current blew more strongly across the Bengal coast, and penetrated farther into the country than in the previous months. Hence, under the combination of the two currents the Punjab and North-West Provinces received abundant rain during the month, and ordinary south-west monsoon weather with heavier rain than usual, prevailed over the whole of Northern and Central India, with one exception. The only region in which the rains were deficient included the Indus valley, Cutch, a portion of West Rajputana to the west of the Aravallis, Kattiawar and Guzerat. Hence the weather was almost universally cooler than usual. The deficiency in the mean temperature of the month was greatest in the districts of relatively heaviest rainfall which at this time included the Punjab, North-West Provinces, East Rajputana, Central India, and the Central Provinces. The deficiency averaged 1·8° for the Punjab and North-West Province stations, 1·2° for Rajputana, and 1·1° for the Central Provinces. There was a very slight excess (not exceeding 0·3°) in Behar, Bengal, Chutia Nagpur and Malabar, where the rainfall was to some extent below the average.

The following table gives all the variations of temperature exceeding 3° :—

Delhi	4·0° in defect.	Ludhiana	3·4° in defect.
Sirsa	3·7°	Meerut	3·3°
Lucknow	3·5°	Jhansi	3·0°

and shows that the greatest reduction of temperature occurred at this time over the area of excessive rainfall in Upper India.

September.—Both branches of the monsoon current continued in full force until the 20th, when the Bombay current suddenly, and almost entirely, withdrew from Northern India, and fine dry weather, with clear skies and light local land winds, set in over Rajputana, Central India, and the Central Provinces. No change occurred in the force of the Bengal current until the 20th, when it retreated rapidly from the Punjab and North-Western Provinces, and westerly winds set in over Upper India. Hence during the remainder of the month, fine dry weather prevailed over the whole of Northern and Central India, except in Bengal, Burma, and Assam, where occasional showers continued to be received. Even in these districts the rainfall of the last ten days of the month was considerably below the average.

Temperature was, however, generally below the normal, in consequence of the heavy rainfall of the preceding month and the first half of September. The deficiency was greatest as hitherto in the Punjab, North-Western Provinces, and Central India, where it slightly exceeded 1°.

The mean temperature of the month was identical with the normal in Bengal and Orissa, and was in excess only in Assam.

The variations were hence in all cases smaller than in the month of August. This is shown even more strongly by the fact that at only four stations did the variations exceed 2°, *viz* .—

	Variation.		Variation.
Roorkee	—2·6°	Ludhiana	—2·4°
Delhi	—2·5°	Meerut	—2·3°

October.—The weather during this month was more than usually unsettled, although it was free from large cyclonic storms. The north-east monsoon rains set in on the

Madras coast somewhat earlier than usual, and a series of small storms formed and passed inland. Only one of these disturbances was of importance. It advanced across the Coromandel coast near Madras, into the Peninsula, and after marching to the neighbourhood of the West Ghats near Belgaum recurved, and passed first northwards and then eastwards into the North-Western Provinces and Behar. It gave during its existence general rain over the whole of India with the exception of the Punjab and Rajputana. The mean temperature for the month was hence in defect at the great majority of stations by small amounts. The anomalies were negative in the North-Western Provinces, Bengal, and Ceylon, and slightly exceeded 1°. In Assam, the Punjab, and Konkan the temperature was normal. There were only three stations in the whole of India in which the mean temperature differed by so much as 2° from the normal, *viz.* —

Station.	Variation.
Sialkot	+2·6°
Dera Ismail Khan	+2·1°
Lucknow	—2·1°

November.—The weather was unsettled during the first half of the month. An abnormal disturbance in the second week of the month gave very unusual rain to Western India and the Central Provinces. After the 14th weather was fine over the whole of Northern and Central India. Frequent showers fell in Southern India, but the rainfall was in no way exceptional in character. Temperature hence varied slightly but somewhat irregularly. In Sind, Cutch, and Guzerat the mean of the month was 1·6° above the normal, and at the Himalayan stations 1·4°. In Central India it was 1·0° below. Elsewhere the variations were small, and less than 1°. The largest local variations (exceeding 2°) were as follows—

Station.	Variation.	Station.	Variation.
Kailang	+2·5°	Murree	+2·0°
Katmandu	+3·1°	Pachpadra	+3·1°
Simla	+2·0°	Bhuj	+2·2°

December.—Fine weather prevailed generally during the month of December. In Upper India there was an entire absence of cold weather storms, and hence the temperature of the month was above the mean in Northern India. The excess averaged 1·6° for Western Rajputana, Sind, and Guzerat, 1·4° for the Punjab, and 1·3° for Sind and Rajputana. It exceeded 2° locally at the following stations :—

Station.	Variation.	Station.	Variation.
Pachpadra	+3·4°	Lahore	+2·1°
Hyderabad	+2·6°	Bhuj	+2·1°
Agra	+2·4°	Rajkot	+2·1°
Ludhiana	+2·2°		

The weather was much disturbed in the Arabian Sea off the Malabar and Bombay coasts. A feeble depression formed off the Kattiawar coast and gave unusual rain in the Central Provinces. A second and large depression formed off the Konkan coast, on the 30th, and marched northwards up the coast, and gave heavy showers of rain over the west coast districts as far north as Surat, and moderate rain in Kattiawar, Guzerat, and the adjacent districts of Central India and Rajputana. The mean temperature of the month was hence in defect over the Central Provinces (1·0°), the Madras Presidency, and Deccan, but the amounts were not large, nowhere exceeding 2°.

The year 1887 was marked by smaller variations on the whole than its predecessor.

The cold weather snowfall was either normal in amount or below the average in the Western Himalayas, whilst it was very considerably in excess over the Assam and Sikkim Himalayas. The month of January was disturbed in the plains and more stormy in the hills of Northern India than usual, and the temperature of the month was 1·3° below the average in extratropical India, but was normal in tropical India. A stormy period in the hill districts during the last week of January and first five days of February, was followed by the coolest weather of the year in Northern India, the effect travelling from west to east, and was due mainly to the descent of a body of cool air from the highlands of Afghanistan and Beluchistan, and also from the Himalayas. Temperature increased very rapidly during the last fortnight of February. This rapid rise was followed by much atmospheric disturbance in Northern India during the month of March. Several series of thunder storms occurred in North Eastern India. They were exceptionally severe in Bengal and Assam, and gave in some districts excessive rain, and, consequently, caused a considerable reduction of temperature over North-Eastern India, and it was not until nearly the end of the month that temperature again began to increase rapidly. The air during the months of April and May was much drier than usual in the Central Provinces, Central Rajputana, the North-Western Provinces and the Punjab. Hence temperature increased steadily, and more rapidly than usual, in those districts, and the maximum temperatures of the year in India were recorded on the 28th and 29th of May at Pachpadra, Jacobabad, and other stations in Sind, West Rajputana, and the Punjab.

The following table gives the mean maximum and minimum temperatures of the Punjab, North-Western Provinces, and Rajputana for the dates assigned, and furnishes a rough estimate of the rate at which temperature increased :—

Punjab.

	Mean maximum temperature.	Mean minimum temperature.	Mean daily temperature.	Progressive change.
	°	°	°	
January 1st . . .	62·5	44·1	53·3	...
February 1st . . .	69·8	36·7	53·3	0
March 1st . . .	87·6	58·0	72·8	+19·5
April 1st . . .	90·2	54·9	72·6	— 0·2
May 1st	103·4	70·2	86·8	+14·2
May 29th . . .	114·5	75·8	95·2	+ 8·4

North-Western Provinces.

	Mean maximum temperature.	Mean minimum temperature.	Mean daily temperature.	Progressive change.
January 1st . . .	70·9	42·8	56·9	...
February 1st . . .	70·2	43·0	56·6	— 0·3
March 1st . . .	92·0	60·3	76·2	+19·6
April 1st . . .	93·1	58·9	76·0	— 0·2
May 1st . . .	102·5	72·9	87·7	+11·7
May 29th . . .	101·6	80·4	91·0	+ 3·3

Rajputana.

	Mean maximum temperature.	Mean minimum temperature.	Mean daily temperature.	Progress in a change.
January 1st . . .	72·0	41·3	56·7	...
February 1st . . .	73·0	35·6	54·3	— 2·4
March 1st . . .	95·3	65·3	80·3	+26·0
April 1st . . .	93·2	57·2	75·2	— 5·1
May 1st . . .	105·5	73·1	89·3	+14·1
May 29th . . .	106·7	79·0	92·9	+ 3·6

The following table shows the diminution of temperature in the Punjab during the south-west monsoon months and a comparison of the temperature in that area with the temperature in the south of the Bay of Bengal as given by Mr. Dallas in his paper "The Meteorological features of the Southern part of the Bay of Bengal."

	Punjab.			South of the Bay.	*A B.*
	Mean Maximum.	Mean Minimum.	*A.* Mean Daily.	*B.* Mean Daily.	Difference.
June 1st . . .	111·8	83·8	97·8	82·4	15·4
July 1st . . .	109·8	85·9	97·9	81·8	16·1
August 1st . .	96·4	81·0	88·7	82·4	6·3
September 1st . .	94·2	77·9	86·1	81·3	4·8
October 1st . .	94·9	69·4	88·2	81·2	7·0

The following are interesting data connected with the heating of India antecedent to the monsoon of 1887. The two coldest days in the cold weather, or winter of 1886-87, were the 14th of January and the 8th of February. On the former of these days the mean maximum temperature of the Punjab plains was 58°, and the mean minimum of the following night (14th—15th) was 36°. This gives a mean temperature approximately of 47° and a range of 22°. The mean maximum, or day, temperature of the Punjab plains on the 8th February was 66°, and the minimum, or night, temperature was only 33°. The mean temperature of the day was hence 49·5°, and the mean range of temperature during the 24 hours was 33°. At the same period of the year the mean daily temperature in the southern portions of the Bay of Bengal and Arabian Sea is 81°, and the mean daily range 2·8°. Hence the Punjab was 31·5° cooler than the sea area to the south of India on the 8th of February, and the daily range of temperature about eleven times as great. From this period until the end of May the temperature in Upper India increased with greater rapidity and regularity than usual, and culminated in a period of intense heat. The following gives data of the temperature of the Punjab at this time:—

Month of May.	Mean Maximum.	Mean Minimum.	Mean temperature.
	°	°	°
26th	110·3	77·2	93 8
27th	111·5	74·6	93·1
28th	113·6	75·5	94·6
29th	114·5	75·8	95·2

The 29th was on the whole the hottest day of the year in Upper India. The mean temperature of that day in the Punjab was 95·2°, and the range of temperature 38·7°.

The mean temperature of the air to the north of the Equator in the Bay of Bengal and Arabian Sea, in the month of May is 83°, and the daily range of temperature 37·5°. Hence the mean temperature of Upper India was 12·2° higher on the 29th of May than that of the sea area to the south of India, and the mean daily range about ten times as great. This was probably the greatest excess, and certainly greater than the average excess of temperature in the Punjab over the sea area to the south of India, which preceded and accompanied the establishment of the south-west monsoon. Hence the maximum difference between the mean temperature of Upper India at the commencement of the south-west monsoon was less than one half of the difference which obtained in the coldest periods of the cool weather.

During the remainder of the year, from June to December, the variations of temperature were not large in amount. The rains were somewhat late in commencing in Upper India, and temperature was slightly above the average in that area in June and July. As the rains were more abundant than usual over the greater part of India in August, temperature was almost universally below the average during that month. The rains proper terminated in Northern India about the 20th September. Abundant and well-distributed rain fell during the month of October to December over the whole of Southern India. Northern and Central India (with the exception of the Punjab) and North-Western India, received during the last three months of the year on several occasions exceptional rain due to diffused storms of an unusual character. Hence, over the whole of India, with the exception of the Punjab, Sind, and Guzerat, and also Upper Burma, the temperature was during the whole of that period below the average by moderate amounts.

The mean temperature of the whole of India was 0·7° in defect in the month of January. During the next three months it almost agreed with the normal. The mean temperature of May was 1·2° above the average. May was the only month for which there was a large positive anomaly. It was steadily below the average during the rains, the negative variation for June and August being 0·9°, for July and October 0·6°, and for September 0·5°. There was a small positive variation for November and December (0·2°).

The mean anomaly of each month as deduced from the temperature observations taken at all the Indian and Burmese stations enumerated in the foregoing tables, was as follows:—

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Number of stations.	126	125	126	126	126	127	127	126	127	127	126	126	126
Mean	—0·7	—0·2	+0·1	0	+1·2	—0·9	—0·6	—0·9	—0·5	—0·6	+0·2	+0·2	—0·2

The mean anomaly of the year was —0·2°, and in the opposite direction to the anomaly of the past year.

The progressive variation of the mean annual temperature during the last 13 years is shown in the following table:—

	1875.	1876.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.
Number of stations .	72	72	74	74	70	106	110	113	122	122	118	122	126
Mean anomaly . .	—0·29	—0·08	+0·17	+0·62	—0·13	+0·13	—0·01	—0·11	—0·48	—0·61	—0·29	+0·08	—0·23
Progressive variation .	...	+0·21	+0·25	+0·45	—0·75	+0·26	—0·14	—0·10	—0·37	—0·13	+0·32	+0·37	—0·31

ATMOSPHERIC PRESSURE.

With the exceptions given in the footnote[1] below, all the barometers used in the Indian observatories are mercurial barometers on Fortin's principle; and, excepting those in Ceylon and some in Madras,[2] all have been carefully compared, either directly or

[1] Casella's observatory barometers on the Kew principle (*i.e.*, with a contracted scale to compensate changes of level in the cistern) were in use during the year 1887 at the following stations:—

Aden.	Gya.	Bhuj.	Bassein.
Bushire.	Chittagong.	Gopalpur.	Toungoo.
Mooltan.	Hoshangabad.	Rajahmundry.	Thayetmyo.
Ludhiana.	Seoni.	Mangalore.	Cocos Island.
Sialkot.	Saugor.	Mercara (up to 30th June).	
Lucknow.	Nowgong.	Negapatam.	
Gorakhpur.	Sambhar.	Akyab.	
Jhansi	Ratnagiri.		

At Bombay, Calcutta, Madras, and Rangoon, large Newman's standards, with adjustable scales and tubes of more than 0·5″ diameter are in use.

Casella's small observatory standards on Fortin's principle, with tubes of 0·4 inch in diameter, were in use at the following stations in the year 1887:—

Baghdad (from 1st October).	Allahabad.	Jessore.	Cochin (from 26th September).
Chamba.	Benares.	Dacca.	Kendat.
Dera Ismail Khan.	Sibsagar.	Saugor Island.	Moulmein.
Peshawar.	Tezpur.	Cuttack.	Diamond Island.
Murree.	Dhubri.	False Point.	Mergui.
Rawalpindi.	Silchar.	Nagpur.	Port Blair.
Lahore.	Darjeeling.	Buldana.	
Delhi.	Pedong.	Sutna.	
Roorkee (from 4th June).	Purneah.	Ajmere.	
Meerut.	Durbhunga.	Jacobabad.	
Bareilly.	Patna.	Kurrachee.	
Agra.	Hazaribagh.	Masulipatam.	
	Berhampore.	Bellary.	
	Burdwan.	Cuddapah.	

At stations in the Central Provinces, Central India, Rajputana, and Bombay, other than those named above, portable mountain barometers on Fortin's principle, with tubes of about 0·25 inch diameter, are used.

[2] The instruments at the following Madras stations have been compared, either directly or indirectly with the Calcutta standard, and their readings are corrected to the latter:—

Vizagapatam, Mangalore, Bangalore, Mercara, Rajahmundry, Cuddapah, Bellary, Madura, Masulipatam, Negapatam, Gopalpur, and Cochin.

indirectly, with the Calcutta standard. Those in Bombay at Bickaneer and Mount Abu in Rajputana, at Neemuch and Indore in Central India, and in Berar, have been compared by Mr. F. Chambers with the Bombay standard, which, according to a lengthened comparison with two verified barometers sent from Calcutta, reads ·012 inch lower than the old Calcutta standard. All the registers (except those of Secunderabad, Kurnool, Bangalore, Madras, Salem, Wellington, Calicut, Coimbatore and Trichinopoly) have been corrected to the readings of the latter instrument. The Ceylon barometers have been verified at Colombo, by comparison with a standard tested by Messrs. Negretti and Zambra, who compare with the standard at Kew. A correction of + ·011 inch has been applied to their registers, therefore, to bring them up to the values of the Calcutta standard.

Those of Madras, with the exceptions above noted, are corrected to the Madras observatory standard. Comparisons made by myself during a tour in Southern India in February and March 1888, showed that the corrections for index error previously in use were in several cases, *e.g.* Cuddapah, Bangalore, very considerably in error. In other cases, *e.g.* Madura, the mercury in the cisterns was covered with a thick crust of oxydized mercury, which made it almost impossible to take accurate readings. Hence the barometric observations of several of the Madras stations have been affected with unknown errors for some time, and the means are therefore also more or less doubtful or incorrect. The matter is still under consideration and the results will be given in the annual report for 1888.

With a view to rendering the barometric data published in previous reports, as far as possible, trustworthy and comparable with those given in the present report a list, repeated (with additions) from last year's report is here given, of all those known or believed to be erroneous, together with the needful corrections, where these have been ascertained. The following are certainly erroneous and must be rejected :—

Mooltan, 1875 and 1876.
Dera Ismail Khan, June 1885.
Simla, from January 1876 to February 1877, and untrustworthy up to the end of April 1880.
Rawalpindi, all up to the end of 1881 untrustworthy.
Chakrata, January to August 1875, and very doubtful up to the end of 1876.
Jhansi, January to April 1875.
Benares, February 1876.
Sambalpur, 1876.
Saugor, Central Provinces, all published up to December 1879; also January, March, May, July, and September 1880, and February and April 1881.
Chanda, from January 1875 to June 1876.
Buldana, 1876.
Amraoti, 1875.
Chikalda, from November 1879 to August 1881.
Bickaneer, up to the end of 1879.
Mount Abu, January 1878, and from April to December 1882.
Pachpadra, all published up to 1881 inclusive.
Trincomalee, 1877.
Moulmein, 1878 and 1879, and from May 1885 to the end of the same year.
Toungoo, all from 1882 to August 1883.

And the following corrections are to be made to the tables published in previous reports :—

Quetta, from 27th March 1881 to end of same year	—0·005
Mooltan, from January 1877 to ditto	—0·010
Peshawar, from 14th September 1884 to ditto	+0·018
Murree, from January 1876 to December 1877	+0·029
Sialkot, from April 1876 to ditto	—0·009
Ludhiana, from January 1875 to ditto	+0·019
Chamba, from 5th December 1884 to end of 1885	+0·038
Simla, from 14th October 1880 to end of 1881	—0·005
Delhi, from January 1875 to December 1877	+0·012
Ranikhet, from ditto to end of same year	+0·013
Meerut, from ditto to ditto	+0·021
Agra, from January to December 1885	+0·014
Gorakhpur, from May 1875 to end of same year	—0·011
Ditto, from October 1877 to December 1879	+0·016
Sambalpur, from July to December 1882	+0·029
Raipur, from 22nd October to end of 1881	—0·005
Pachmarhi, from 16th July 1880 to December 1881	
Hoshangabad, from June to December 1880	+0·022
Ditto, from January 1881 to March 1882	—0·012
Ditto, from June to December 1882	+0·003
Sutna, from 30th March 1881 to end of same year	—0·005
Deesa, from the 10th April to the end of 1877, and from the 16th May 1879 to 14th April 1880	—0·050
Malegaon, from June 1879 to April 1881	+0·017
Ditto, from May 1881 to July 1882	—0·023
Ditto, from August 1882 to October 1884	—0·011
Ditto, from August 1885 to end of same year	+0·012
Masulipatam, from August 1877 to July 1878	+0·182
Ditto, August 1878	+0·067
Ditto, November and December 1879	—0·060
Mercara, from 1st April 1880 to December 1884	+0·027
Bangalore, from January 1875 to ditto	+0·031
Cuddapah, from 11th April 1884 to ditto	+0·118
Thayetmyo, from 24th January to 14th October 1881	—0·005
Toungoo, from September 1883 to December 1886	+0·016
Bassein, a correction increasing from 0 in January 1877 to a maximum in December 1879 of	+0·006
Rangoon, a correction increasing from 0 in January 1876 to a maximum in December 1879 of	+0·007
Moulmein, from January 1876 to March 1877	—0·048
Mergui, from the beginning of the registers in September 1877 to December 1879	+0·021

In addition to the above, it is to be noticed that there are inconsistencies in the registers of former years at the following station, which remain to be explained :—

Newera Eliya, from July 1873 to January 1879.

In all the observatories, except Dehra and Bickaneer, the barometers are kept in a masonry building, to protect them as much as possible from changes of temperature.

At these two stations they are suspended in the thermometer sheds. The elevations of all barometers have been ascertained with such accuracy as was possible. In the large majority of cases, they have been referred to datum levels, determined by the Great Trigonometrical Survey of India; in Northern India, for the most part, by lines of spirit levels connected with the main line of levels between Kurrachee and Calcutta. Elsewhere, the elevations of the Great Trigonometrical Survey stations measured trigonometrically, or those of the lines of railway, have been adopted as reference data; only those of Kailang, Pachpadra and Pithoragarh have been barometrically determined. For some further details the reader is referred to Table I.

Table VII (Appendix) gives an abstract of the barometric observations of 1887, *viz.* the monthly means of the readings at each hour of observation and of the day, the monthly mean diurnal range (between 10 A.M. and 4 P.M.), the highest and lowest readings of each month and of the year, and the extreme monthly and annual ranges. The mean pressures have been obtained in the following manner:—

(*a*) At Calcutta (Alipore), the means of the hourly measurements of the barogr$_{\omega}$ph traces, reduced to the corresponding values of the old Calcutta standard.

(*b*) At Bombay (Colaba), the means of measurements of the barograph traces, at 6h., 10h., 16h., and 22h., and at Leh and Allahabad, the means of the four readings at 6h., 10h., 16h., and 22 h., with additive corrections, deduced from the hourly readings of past years in the case of Allahabad and without correction in the case of Leh.

(*c*) At Lahore, Chamba, Jeypore, Allahabad, Saugor Island, and Vizagapatam, the means of the four readings at 4h., 10h., 16h., and 22h., without further correction.

(*d*) At stations in the North-Western Provinces (excepting Allahabad and Ghazipur), at Ajmere, Sambhar, Akyab, and stations in Bengal and Assam (except Darjeeling, Pedong, Calcutta, Saugor Island, and Dhubri), the means of the 10h. and 16h. observations (except at Dehra, where the hours of observation are 9-30h. and 15-30h.), corrected by range factors, derived from the six-hourly readings at the same or neighbouring stations in past years. In the latter cases, the factors are taken from the same stations as in the case of the temperature means (see *ante*, page 38).

(*e*) At the four Bombay stations Belgaum, Poona, Deesa, and Kurrachee, the means of the 10h. and 16h. observations, with additive corrections, derived from the hourly observations of the same stations in past years.

(*f*) At stations in Madras (excepting Gopalpur, Vizagapatam, Mercara, Kurnool, Rajahmundry, Bellary, Cuddapah and Mangalore), and at Bangalore and Secunderabad the means of the three readings at 10h., 16h., and 22h., corrected by means of range factors, derived from the Madras hourly observations in past years. At Madura, Coimbatore and Masulipatam the means of the 10h. and 16h. observations only, similarly corrected.

(*g*) At all other stations the crude means of the 10h. and 16h. observations without correction.

In the case of the Ceylon stations, the observations at $9\frac{1}{2}$ and $15\frac{1}{2}$ hours are given in lieu of those at 10 A.M. and 4 P.M.

Table VIII (Appendix) gives the mean pressure of each month, reduced to its sea-level value, from the elevations given in Table I (*ante*), at the temperatures obtained by taking the means of those in Tables V and VII of the Appendix. The readings of the hill stations are not included in this table. The isobars on the charts, plates II to IV, are laid down from these values.

Table XIV, on the next page, gives the average monthly and annual pressure at 130 stations (*viz.*, all that have furnished trustworthy readings), corrected to the Calcutta,

Madras, or Ceylon standards, during three years and upwards. In instances in which, during the period included, there has been any change in the elevation of the barometer, a correction has been applied to the former means, to bring them to their equivalent values at their present actual levels. These cases are not numerous, nor, as a rule, are the changes more than a very few feet.

The Table also gives, for nearly all stations, the average pressure of the last thirteen years, and also, in the case of the Bengal stations and some of those in the North-Western Provinces, the Punjab, Madras, and other provinces, those of longer periods. This double form has been adopted, because the high pressures which prevailed during two years from the spring of 1876 to the autumn of 1878 (brought prominently to notice in the Reports for 1877 and 1878), rendered, for a time, the averages of some stations for which more prolonged registers are not available, somewhat too high, in comparison with those deduced from longer periods.[1] Some of the stations, for which thirteen years' averages are given, have not actually furnished registers for the whole period. But, as there exist, in nearly all parts of the country, other stations from which the complete series is forthcoming, it has been possible, in the case of the defective registers, to interpolate values for the deficiencies; in computing which, the nearest stations, in all directions, have been taken into account, with weights proportional to their respective distances, where there is much variation in this respect.

Tables XV A and B show the differences of the means of 1887 and the above averages, respectively.

Table XVI gives a geographical summary of the anomalies of Table XVA, similar in form to the table of temperature anomalies—

TABLE XIV.—*Average monthly Mean Pressures of 130 stations in India, Ceylon, &c.*

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Aden . . .	6—8	29·949	29·917	29·864	29·799	29·719	29·615	29·565	29·591	29·686	29·830	29·911	29 954	29·783
Mauritius .	13	·945	·938	·975	30·009	30·087	30·175	30·208	30·202	30·195	30·138	30·070	30·005	30·079
	26—27	·943	·926	·967	·005	·081	·168	·199	·206	·195	·135	·071	·060	·075
Bushire . .	9—10	30·099	30·053	·966	29·854	29·728	29·544	29·452	29·509	29·686	29·901	·033	·094	29·827
Amini Divi .	3—6	29·943	29·952	·913	·874	·852	·820	·849	·858	·901	·888	29·900	29·935	·890
Quetta . .	7—9	24·663	24·643	24·621	24·595	24·551	24·441	24·391	24·440	24·553	24·686	24·736	24·714	24·586
Leh . . .	12—13	19·627	19·579	19·661	19·674	19·682	19·638	19·599	19·625	19·687	19·730	19·723	19·697	19·660
Mooltan . .	13	29·638	29·591	29·470	29·343	29·197	29·048	29·026	29·104	29·241	29·442	29·594	29·658	29·363
Dera Ismail Khan .	13	·486	·440	·335	·205	·060	28·899	28·885	28·950	·093	·292	·442	·509	·216
Peshawar . .	13	28·953	28·914	28·818	28·696	28·556	·392	·364	·436	28·588	28·785	28·913	28·974	28·699
Murree . .	13	23·870	23·836	23·852	23·831	23·792	23·723	23·700	23·743	23·831	23·922	23·934	23·920	23·830
Rawalpindi . .	13	28·362	28·315	28·240	28·131	28·016	27·878	27·862	27·936	28·058	28·232	28·340	28·386	28·146
Sialkot . .	13	29·197	29·138	29·041	·918	·798	28·658	28·659	28·725	·847	29·026	29·149	29·205	·947

[1] The low pressures of recent years have now, in many cases, counterbalanced this anomaly.

TABLE XIV.—*Average monthly Mean Pressures of 130 stations in India, Ceylon, &c.*—continued.

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Lahore	13	29·326	29·281	29·169	29·041	28·914	28·774	28·775	28·842	28·968	29·152	29·286	29·348	29·073
	14—15	·329	·282	·169	·050	·918	·773	·776	·846	·967	·151	·300	·353	·076
Ludhiana	13	·218	·167	·063	28·938	·824	·690	·689	·755	·880	·053	·178	·235	28·974
Chamba	3—4	27·004	26·970	26·917	26·871	26·780	26·652	26·611	26·654	26·785	26·940	27·021	27·050	26·855
Kailang	4—5	20·746	20·710	20·786	20·789	20·761	20·707	20·650	20·658	20·729	20·795	20·811	20·816	20·746
Simla	13	23·278	23·242	23·266	23·255	23·218	23·149	23·121	23·163	23·244	23·326	23·325	23·312	23·242
Delhi	13	29·313	29·258	29·151	29·025	28·913	28·784	28·785	28·850	28·965	29·144	29·270	29·330	29·066
Sirsa	13	·379	·328	·214	·086	·962	·833	·823	·891	29·020	·200	·331	·392	·122
Chakrata	13	23·255	23·223	23·243	23·238	23·200	23·132	23·105	23·148	23·224	23·303	23·314	23·298	23·224
Dehra	13	27·744	27·704	27·634	27·546	27·471	27·357	27·354	27·407	27·502	27·654	27·746	27·774	27·574
Roorkee	13	29·114	29·065	28·959	28·839	28·743	28·615	28·623	28·687	28·792	28·966	29·081	29·134	28·885
	20—21	·116	·059	·965	·850	·743	·619	·629	·691	·794	·964	·093	·141	·889
Ranikhet	13	24·110	24·081	24·085	24·060	24·016	23·936	23·925	23·953	24·027	24·113	24·147	24·139	24·049
	14—15	·110	·080	·081	·062	·013	·937	·928	·955	·028	·114	·153	·142	·050
Pithoragarh	13	·756	·724	·713	·679	·631	24·544	24·534	24·560	·636	·734	·785	·782	·673
Meerut	13	29·282	29·228	29·116	28·996	28·885	28·756	28·764	28·829	28·935	29·117	29·240	29·296	29·037
	14—15	·284	·228	·115	·998	·882	·760	·766	·832	·935	·115	·246	·298	·038
Bareilly	13	·449	·388	·280	29·155	29·062	·940	·944	29·005	29·110	·284	·406	·470	·208
Agra	13	·483	·434	·324	·197	·084	·967	·965	·034	·144	·320	·447	·507	·242
Lucknow	13	·670	·612	·498	·368	·273	29·153	29·154	·220	·324	·500	·625	·688	·424
	15—16	·670	·612	·498	·368	·272	·152	·155	·222	·323	·499	·632	·689	·424
Gorakhpur	13	·773	·710	·591	·460	·386	·266	·265	·328	·430	·607	·731	·796	·529
Jhansi	13	·180	·140	·040	28·919	28·805	28·699	28·688	28·755	28·859	·027	·143	·196	28·954
Allahabad	13	·731	·675	·553	29·428	29·325	29·203	29·209	29·277	29·377	·557	·685	·749	29·481
Benares	13	·773	·716	·595	·462	·364	·244	·248	·315	·415	·595	·724	·791	·520
	19—20	·777	·704	·603	·474	·371	·254	·258	·307	·419	·594	·732	·795	·524
Ghazipur	13	·830	·765	·644	·546	·413	·290	·289	·348	·452	·636	·766	·841	·568
Katmandu	4—6	25·685	25·627	25·608	25·545	25·489	25·386	25·389	25·437	25·517	25·631	25·688	25·682	25·557
Sibsagar	13	29·735	29·672	29·590	29·502	29·434	29·303	29·280	29·333	29·425	29·571	29·676	29·734	29·521
	14	·736	·670	·588	·504	·430	·305	·283	·333	·423	·568	·677	·734	·521
Dhubri	13	·935	·873	·763	·668	·612	·495	·478	·531	·625	·774	·862	·929	·712
Silchar	13	·940	·893	·809	·725	·660	·541	·522	·575	·655	·781	·862	·926	·741
	17—19	·934	·888	·807	·725	·650	·541	·526	·578	·658	·778	·877	·936	·742
Darjeeling	18—20	22·963	22·937	22·946	22·941	22·918	22·863	22·859	22·897	22·956	23·020	23·037	23·007	22·945
Pedong	3	?	25·277	25·274	25·226	25·208	25·107	25·090	25·137	25·212	25·316	25·379	25·362	?

TABLE XIV.—*Average monthly Mean Pressures of 130 stations in India, Ceylon, &c.*—continued.

Stations.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Purneah . .	13	29·907	29·840	29·727	29·616	29·556	29·442	29·433	29·488	29·588	29·741	29·849	29·910	29·675
Durbhunga . .	13	·877	·811	·693	·575	·507	·385	·380	·438	·539	·707	·820	·886	·635
Patna .	13	·871	·803	·677	·551	·474	·352	·356	·416	·517	·690	·813	·883	·617
	19—20	·867	·800	·679	·559	·470	·351	·358	·420	·515	·684	·819	·883	·617
Gya . .	13	·676	·605	·502	·381	·296	·169	·181	·239	·332	·505	·631	·691	·434
	15—17	·675	·603	·497	·380	·286	·167	·179	·238	·330	·500	·631	·689	·431
Hazaribagh .	13	27·982	27·941	27·864	27·773	27·689	27·589	27·569	27·621	27·713	27·872	27·959	27·994	27·796
	20—21	·980	·936	·864	·775	·687	·577	·568	·623	·708	·866	·966	·998	·796
Berhampore .	13	29·967	29·907	29·792	29·680	29·620	29·500	29·491	29·556	29·647	29·804	29·910	29·970	29·737
	20	·963	·898	·790	·680	·604	·487	·488	·553	·643	·792	·913	·971	·732
Burdwan .	13	·937	·879	·762	·656	·585	·463	·453	·521	·613	·769	·878	·942	·705
	14—15	·939	·878	·761	·656	·579	·467	·457	·520	·612	·765	·884	·944	·711
Jessore .	13	·999	·945	·836	·737	·675	·553	·537	·599	·690	·835	·934	·997	·778
	20—21	30·000	·940	·840	·742	·669	·551	·541	·600	·687	·831	·947	30·005	·778
Dacca .	13	·013	·959	·860	·760	·702	·584	·569	·627	·714	·847	·940	·008	·799
	19—21	·007	·952	·857	·764	·694	·582	·571	·624	·708	·839	·950	·011	·797
Chittagong .	13	29·940	·906	·832	·746	·676	·570	·556	·607	·680	·792	·870	29·936	·760
	16—17	·948	·905	·831	·749	·672	·567	·558	·607	·680	·786	·876	·937	·760
Calcutta (*Alipore*)	13	30·019	·963	·857	·749	·677	·552	·538	·603	·694	·847	·952	30·017	·789
	35	·017	·951	·856	·752	·661	·546	·537	·598	·684	·835	·962	·023	·785
Saugor Island	13	·010	·955	·857	·756	·678	·553	·538	·601	·688	·840	·947	·015	·787
	20—21	·006	·945	·858	·758	·671	·548	·535	·593	·679	·826	·952	·018	·782
Cuttack .	13	29·954	·899	·799	·695	·610	·497	·494	·547	·626	·784	·897	29·962	·730
	20	·959	·896	·802	·698	·610	·503	·501	·557	·634	·782	·909	·967	·735
False Point .	13	30·029	·977	·878	·774	·689	·576	·558	·616	·694	·851	·966	30·035	·804
	21	·030	·974	·886	·785	·693	·577	·568	·625	·699	·845	·976	·038	·808
Sambalpur . .	13	29·544	·480	·370	·259	·160	·067	·083	·132	·215	·373	·484	29·547	·310
Raipur . .	13	·037	28·992	28·895	28·788	28·684	28·599	28·599	28·655	28·731	28·894	·000	·050	28·827
Nagpur .	13	28·968	·919	·831	·733	·635	·566	·568	·617	·683	·835	28·938	28·987	·773
	19	·961	·913	·826	·727	·633	·557	·559	·614	·674	·823	·940	·985	·768
Seoni .	13	27·964	27·925	27·854	27·776	27·680	27·588	27·569	27·623	27·701	27·854	27·943	27·980	27·788
	17	·961	·922	·853	·779	·684	·587	·570	·623	·697	·846	·944	·978	·787
Jubbulpore .	13	28·674	28·629	28·541	28·436	28·334	28·238	28·230	28·289	28·374	28·540	28·646	28·690	28·468
	18—19	·662	·625	·537	·436	·335	·232	·225	·289	·366	·531	·648	·685	·464
Saugor . .	13	·231	·187	·110	·024	27·916	27·818	27·801	27·862	27·949	·112	·207	·243	·039

TABLE XIV.—*Average monthly Mean Pressures of 130 stations in India, Ceylon, &c.*—continued.

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Pachmarhi . .	13	26·545	26·521	26·484	26·419	26·340	26·24-	26·209	26·263	26·336	26·476	26·542	26·563	26·410
Hoshangabad .	13	28·999	28·955	28·868	28·770	28·674	28·58-	28·578	28·638	28·708	28·862	28·968	29·015	28·801
Khandwa . .	13	·943	·902	·827	·736	·645	·564	·559	·618	·693	·829	·921	28·959	·766
Chanda . .	13	29·371	29·314	29·222	29·122	29·026	·969	·982	29·029	29·091	29·229	29·334	29·388	29·173
Sironcha . .	13	·631	·590	·498	·401	·307	29·259	29·285	·300	·355	·479	·576	·636	·443
Chikalda . .	11—12	26·424	26·396	26·359	26·293	26·219	26·126	26·104	26·145	26·217	26·343	26·404	26·429	26·288
Buldana . .	13	27·849	27·818	27·765	27·688	27·616	27·535	27·529	27·576	27·642	27·760	27·837	27·868	27·707
Akola . . .	13	29·063	29·018	28·936	28·843	28·759	28·687	28·691	28·743	28·810	28·939	29·034	29·082	28·884
Amraoti . .	13	28·774	28·727	·645	·555	·466	·396	·397	·446	·513	·651	28·745	28·791	·592
Neemuch . .	13	·359	·243	·245	·077	·058	27·958	27·937	·007	·023	·175	·344	·378	·150
Nowgong . .	13	29·278	29·235	29·120	29·000	·887	28·770	28·775	·840	·937	29·111	29·237	29·292	29·040
Sutna . . .	13	28·975	28·935	28·828	28·710	·600	·487	·485	·551	·648	28·826	28·942	28·994	28·748
Indore . . .	13	·162	·134	·065	27·983	27·896	27·803	27·788	27·847	27·929	·068	·148	·180	·000
Bickaneer . .	13	29·290	29·235	29·115	28·996	28·865	28·749	28·725	28·803	28·926	29·102	29·229	29·294	29·027
Jeypore . .	13	28·578	28·539	28·447	·350	·244	·133	·119	·187	·291	28·457	28·559	28·604	28·376
Sambhar . .	13	·752	·711	·620	·515	·402	·311	·278	·339	·441	·617	·732	·773	·541
Ajmere . .	13	·407	·371	·281	·186	·079	27·984	27·953	·021	·119	·292	·396	·434	·210
Mount Abu . .	8—11	26·131	26·110	26·075	26·032	25·941	25·860	25·815	25·865	25·966	26·093	26·139	26·145	26·014
Pachpadra . .	3—6	29·656	29·618	29·499	29·386	29·261	29·154	29·125	29·164	29·283	29·444	29·571	29·634	29·400
Jacobabad . .	13	·879	·828	·690	·562	·412	·262	·235	·322	·466	·668	·824	·897	·587
Hyderabad . .	13	·957	·908	·776	·660	·524	·385	·352	·439	·576	·749	·893	·967	·682
Kurrachee . .	13	30·011	·981	·878	·782	·650	·522	·486	·573	·696	·854	·963	30·027	·785
Bhuj . .	13	29·633	·598	·508	·417	·317	·193	·162	·241	·348	·487	·586	29·638	·427
Rajkot . .	13	·589	·557	·480	·395	·299	·183	·170	·242	·340	·459	·539	·584	·403
Deesa . . .	13	·540	·503	·423	·329	·238	·127	·098	·175	·280	·418	·510	·549	·349
Surat . . .	13	·975	·947	·883	·799	·732	·628	·607	·671	·751	·847	·923	·969	·811
Malegaon . .	13	28·553	28·516	28·453	28·376	28·302	28·224	28·216	28·275	28·341	28·451	28·530	28·562	28·400
Bombay . {	13	29·957	29·902	29·881	29·812	29·770	29·684	29·680	29·728	29·789	29·846	29·904	29·947	29·825
	41	·951	·922	·875	·810	·766	·669	·668	·726	·784	·841	·910	·947	·822
Poona . .	13	28·131	28·094	28·051	27·989	27·943	27·876	27·873	27·913	27·971	28·043	28·100	28·140	28·010
Sholapur . .	13	·393	·356	·293	28·209	28·151	28·114	28·117	28·149	28·201	·280	·346	·393	·250
Ratnagiri . .	13	29·860	29·836	29·793	29·725	29·687	29·633	29·643	29·678	29·725	29·756	29·799	29·840	29·748
Belgaum . .	13	27·432	27·413	27·376	27·320	27·283	27·246	27·249	27·271	27·321	27·357	27·396	27·431	27·341
Karwar . .	10	29·926	29·910	29·874	29·814	29·772	29·749	29·766	29·781	29·823	29·834	29·861	29·903	29·834
Gopalpur . .	13	·996	·941	·848	·751	·656	·545	·540	·592	·670	·820	·929	·998	·774

TABLE XIV.—*Average monthly Mean Pressures of 130 stations in India, Ceylon, &c.*—continued.

Stations.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Vizagapatam	13	30·002	29·957	29·880	29·789	29·691	29·592	29·594	29·633	29·696	29 826	29·927	29·993	29·798
	18	29·992	·948	·876	·748	·686	·593	·591	·634	·695	·816	·931	·995	·792
Rajahmundry	3—4	·899	·858	·792	·719	·612	·529	·543	·568	·626	·751	·839	·902	·720
Masulipatam	13	30·008	·976	·903	·816	·710	·653	·672	·699	·745	·846	·933	·994	·830
	17—18	·005	·966	·899	·813	·702	·649	·666	·697	·739	·835	·936	·996	·825
Secunderabad	13	28·188	28·156	28·100	28·031	27·961	27·914	27·912	27·941	27·986	28·078	28·147	28·191	28·050
	17—18	·182	·153	·097	·030	·953	·909	·910	·941	·989	·070	·147	·194	·048
Kurnool	3—5	29·060	29·019	·947	·873	28·818	28·777	28·795	28·816	28·870	·934	29·019	29·078	·917
Bellary	13	28·483	28·445	·387	·316	·271	·259	·274	·289	·327	·382	28·440	28·482	·363
	17	·479	·442	·386	·319	·273	·256	·273	·291	·324	·378	·444	·483	·362
Mangalore	10	29·930	29·923	29·893	29·839	29·803	29·801	29·817	29·830	29·864	29·863	29·875	29·912	29·863
Mercara	12—13	26·310	26·309	26·292	26·250	26·225	26·208	26·216	26·223	26·247	26·260	26·280	26·303	26·260
Bangalore	13	27·044	27·028	·995	·940	·897	·879	·886	·896	·927	·961	·996	27·032	·957
	18	·039	·024	·992	·939	·895	·876	·885	·898	·927	·957	27·000	·034	·956
Cuddapah	3	P	P	P	29·419	29·361	29·320	29·329	29·349	29·398	29·470	29·540	29·598	P
Madras	13	29·999	29·973	29·910	29·828	29·737	29·707	29·728	29·745	29·782	29·849	29·913	29·974	29·845
	28	·991	·967	·907	·823	·735	·701	·723	·746	·774	·839	·919	·939	·839
Salem	13	·051	·038	28·985	28·914	28·869	28·858	28·869	28·879	28·913	28·944	28·984	·032	28·945
	18	·047	·031	·982	·914	·868	·857	·870	·882	·910	·935	·992	·036	·944
Wellington	14—16	24·264	24·269	24·269	24·236	24·200	24·163	24·166	24·171	24·193	24·213	24 238	24·260	24·220
Calicut	6—7	29·936	29·918	29·891	29·835	29·811	29·822	29·844	29·840	29·875	29·871	29·876	29·909	29·869
Coimbatore	13	28·608	28·589	28·551	28·490	28·453	28·452	28·464	28·469	28·497	28·523	28·556	28·595	28·521
	17—18	·603	·583	·546	·488	·453	·444	·458	·465	·487	·518	·556	·594	·516
Trichinopoly	13	29·718	29·705	29·651	29·575	29·523	29·510	29·525	29·533	29·565	29·604	29·652	29·702	29·605
	17—18	·712	·698	·654	·574	·523	·502	·517	·528	·554	·593	·651	·700	·601
Negapatam	13	·973	·958	·908	·829	·760	·745	·761	·775	·808	·850	·894	·941	·850
	18	·967	·952	·906	·829	·757	·740	·758	·775	·803	·842	·898	·946	·848
Madura	13	·511	·498	·454	·382	·334	·325	·336	·345	·375	·409	·448	·485	·409
	17—18	·500	·486	·443	·377	·324	·312	·327	·338	·364	·397	·446	·485	·400
Cochin	13	·934	·927	·906	·854	·840	·860	·875	·876	·902	·894	·896	·914	·890
	16—17	·926	·922	·902	·855	·837	·856	·874	·877	·899	·892	·902	·920	·889
Colombo	13	·887	·887	·872	·823	·809	·826	·839	·838	·864	·862	·860	·871	·853
	18—19	·881	·881	·867	·821	·807	·819	·834	·835	·859	·858	·858	·871	·849
Jaffna	13	·966	·954	·909	·836	·781	·774	·788	·795	·829	·859	·894	·933	·860
	17	·964	·948	·906	·835	·780	·768	·785	·793	·823	·851	·893	·933	·857

TABLE XIV.—*Average monthly Mean Pressures of 130 stations in India, Ceylon, &c.*—concluded.

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Trincomalee .	13	29·882	29·880	29·841	29·768	29·710	29·702	29·713	29·720	29·749	29·780	29·812	29·842	29·783
	17—19	·877	·873	·837	·766	·708	·696	·708	·717	·742	·773	·819	·850	·781
Batticaloa .	13	·944	·942	·910	·840	·793	·790	·802	·805	·834	·854	·879	·906	·858
	17—18	·941	·937	·905	·837	·789	·781	·796	·802	·828	·847	·878	·909	·854
Hambantota	13	·857	·855	·848	·814	·785	·784	·788	·790	·814	·821	·835	·843	·820
	15—17	·856	·853	·847	·813	·782	·781	·784	·787	·809	·817	·837	·844	·818
Galle . .	13	·867	·865	·852	·805	·793	·808	·820	·819	·846	·844	·842	·846	·834
	17—19	·861	·859	·847	·802	·791	·800	·814	·815	·840	·839	·838	·848	·830
Kandy. .	13	28·226	28·222	28·203	28·159	28·141	28·156	28·164	28·165	28·184	28·190	28·190	28·207	28·184
	17—18	·219	·216	·199	·157	·139	·150	·161	·159	·178	·183	·187	·204	·179
Newera Eliya	13	P	P	P	P	P	23·981	23·980	23·979	P	23·997	24·011	P	P
	16—18	24·010	24·023	24·026	24·004	23·994	·982	·979	·981	23·993	·998	·014	24·013	24·001
Akyab .	13	30·003	29·963	29·912	29·832	29·766	29·679	29·665	29·710	29·764	29·860	29·930	29·990	29·840
	20—21	·000	·954	·903	·832	·761	·679	·671	·709	·763	·852	·937	·991	·838
Thayetmyo . .	12—13	29·849	·790	·731	·645	·606	·575	·567	·594	·644	·729	·800	·853	·699
Toungoo . .	13	·820	·763	·694	·626	·585	·563	·555	·576	·622	·693	·758	·806	·672
Bassein . .	13	·968	·925	·881	·813	·762	·725	·721	·745	·780	·847	·895	·950	·834
Diamond Island .	13	·967	·937	·899	·832	·770	·731	·729	·751	·786	·847	·896	·946	·841
Rangoon . .	13	·953	·914	·864	·798	·752	·729	·727	·749	·786	·841	·895	·941	·829
Moulmein . .	13	·878	·843	·811	·746	·704	·687	·681	·697	·720	·770	·810	·860	·767
Mergui . .	13	·863	·858	·828	·778	·752	·744	·739	·753	·774	·793	·814	·846	·795
Port Blair .	13	·907	·898	·876	·810	·758	·736	·742	·758	·787	·818	·845	·881	·818
	18—20	·897	·890	·866	·805	·752	·730	·737	·750	·778	·808	·845	·876	·811
Nancowry .	12—13	·853	·858	·845	·801	·777	·770	·772	·780	·806	·816	·821	·837	·811
	13—15	·852	·855	·840	·801	·771	·760	·766	·776	·801	·810	·821	·837	·807

TABLE XV A.—*Comparison of monthly Mean Pressures in 1887, with the averages of 13 or less than 13 years.*

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Aden	—·062	+·028	—·009	+·009	—·002	—·030	—·002	—·005	+·025	+·018	+·004	—·015	—·003
Mauritius . . .	—·039	+·043	—·024	+·037	—·002	—·006	+·006	—·028	+·003	—·008	+·019	+·018	+·002
Bushire	—·062	+·057	+·031	+·021	+·007	—·026	—·016	—·009	+·019	+·006	+·018	+·012	+·005

TABLE XV A.—*Comparison of monthly Mean Pressures in 1887, with the averages of 13 or less than 13 years*—continued.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Amini Divi . . .	—·032	+·008	—·009	—·012	+·012	—·002	+·016	—·008	0	—·005	+·006	—·038	—·005
Quetta	—·100	+·009	—·038	—·017	—·012	—·020	—·015	—·011	+·012	—·002	+·029	+·006	—·013
Leh	—·145	+·020	—·045	+·050	+·022	—·027	—·009	—·004	—·014	+·012	+·046	+·004	—·008
Mooltan . . .	—·075	+·002	—·074	+·005	—·064	+·016	+·005	+·017	+·008	+·003	+·022	+·012	—·010
Dera Ismail Khan . .	—·074	+·004	—·085	+·001	—·087	—·014	—·018	0	—·001	+·008	+·012	+·005	—·021
Peshawar . . .	—·068	+·014	—·062	+·019	—·061	+·008	—·008	+·014	+·007	+·013	+·018	+·019	—·007
Murree	—·107	+·018	—·047	+·041	—·013	—·003	+·003	—·002	—·010	+·019	+·033	+·012	—·005
Rawalpindi . . .	—·072	+·013	—·066	+·015	—·072	—·004	—·007	+·006	—·008	+·001	+·014	+·010	—·014
Sialkot	—·097	—·008	—·081	+·004	—·085	+·002	—·006	+·009	—·008	+·013	+·020	+·008	—·019
Lahore	—·077	—·002	—·074	+·013	—·072	+·015	0	+·014	+·003	+·017	+·028	+·013	—·010
Ludhiana . . .	—·084	—·005	—·077	+·015	—·063	+·007	+·001	0	—·007	+·011	+·015	+·004	—·015
Chamba . . .	—·089	0	—·045	—·003	—·067	—·006	+·005	+·016	—·011	+·008	+·010	—·001	—·015
Kailang . . .	—·102	+·039	—·021	+·012	+·006	—·007	—·001	+·037	+·026	+·009	+·021	+·006	+·002
Simla	—·108	—·004	—·046	+·009	—·006	—·005	+·003	—·003	—·026	—·003	+·032	+·003	—·013
Delhi	—·085	—·006	—·046	+·029	—·035	+·013	+·037	+·014	+·010	+·023	+·020	+·004	—·002
Sirsa	—·090	+·005	—·070	+·011	—·066	+·013	+·007	+·017	+·008	+·024	+·035	+·012	—·008
Chakrata . . .	—·101	+·007	—·035	+·016	—·011	—·011	0	—·001	—·019	+·010	+·035	+·009	—·008
Dehra	—·094	—·009	—·050	+·007	—·047	+·014	+·003	+·004	—·013	+·012	+·029	+·010	—·011
Roorkee	—·089	—·010	—·058	+·014	—·060	+·002	+·007	+·013	—·006	+·017	+·025	+·007	—·012
Ranikhet . . .	—·096	—·016	—·033	+·010	—·034	—·021	—·017	—·013	—·019	+·001	+·015	+·003	—·018
Pithoragarh . . .	—·082	—·005	—·017	+·025	—·018	+·004	+·011	+·024	+·007	+·027	+·031	+·019	+·002
Meerut	—·085	—·009	—·056	+·010	—·053	+·001	+·008	+·016	+·004	+·023	+·028	+·011	—·009
Bareilly . . .	—·085	—·011	—·044	+·019	—·056	0	0	+·009	—·004	+·026	+·027	+·010	—·009
Agra	—·079	+·014	—·042	+·018	—·037	+·008	+·009	+·014	+·026	+·043	+·044	+·015	+·003
Lucknow . . .	—·086	—·002	—·041	+·019	—·035	+·016	+·012	+·027	+·003	+·029	+·033	+·010	—·001
Gorakhpur . . .	—·085	—·009	—·032	+·041	—·035	+·016	—·003	+·023	—·006	+·022	+·020	+·006	—·004
Jhansi	—·063	?	—·039	+·006	—·035	—·002	—·009	+·011	+·014	+·034	+·037	+·019	?
Allahabad . . .	—·087	—·001	—·039	+·018	—·040	+·006	—·003	+·012	0	+·031	+·031	+·009	—·005
Benares . . .	—·080	—·002	—·040	+·019	—·039	+·011	—·009	+·016	—·006	+·028	+·034	+·012	—·005
Ghazipur . . .	—·077	0	—·029	—·002	—·033	+·021	—·005	+·026	+·005	+·041	+·050	+·048	+·004
Katmandu . . .	—·113	—·028	—·035	+·027	—·013	+·018	+·001	+·019	—·006	+·004	—·011	+·011	—·010
Sibsagar . . .	—·068	0	—·011	+·041	—·048	+·007	—·005	+·029	—·030	+·026	+·019	+·003	—·003
Dhubri	—·082	—·013	—·031	+·042	—·034	+·002	—·021	+·025	—·031	+·018	+·021	—·002	—·009
Silchar	—·071	—·016	—·024	+·018	—·051	+·009	—·030	+·030	—·035	+·023	+·016	+·002	—·011

TABLE XV A.—*Comparison of monthly Mean Pressures in 1887, with the averages of 13 or less than 13 years*—continued.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Years.
Pedong	?	+·010	—·034	+·031	—·028	—·009	+·003	+·023	—·018	+·019	+·001	+·005	?
Purneah . . .	—·067	+·005	—·022	+·048	—·035	+·022	+·004	+·049	+·005	+·038	+·041	+·023	+·009
Durbhunga . . .	—·077	—·007	—·036	+·041	—·049	+·010	—·008	+·022	—·020	+·029	+·021	+·007	—·006
Patna	—·087	—·004	—·033	+·035	—·049	+·019	—·007	+·022	—·009	+·029	+·028	+·013	—·004
Gya	—·088	?	?	?	?	?	?	?	?	?	?	?	?
Hazaribagh . . .	—·071	+·009	—·026	+·026	—·039	+·021	0	+·024	—·001	+·034	+·029	+·016	+·002
Berhampore . . .	—·074	—·004	—·033	+·035	—·044	+·013	—·013	+·030	—·018	+·036	+·024	+·012	—·003
Burdwan	—·070	—·005	—·035	+·027	—·049	+·013	—·019	+·028	?	+·029	+·016	0	?
Jessore	—·073	—·004	—·034	+·032	—·040	+·013	—·019	+·034	—·026	+·036	+·016	+·005	—·005
Dacca	—·068	—·007	—·030	+·030	—·041	+·011	—·020	+·029	—·028	+·032	+·023	+·005	—·005
Chittagong . . .	—·074	—·007	—·030	+·007	—·045	+·014	—·032	+·029	—·023	+·024	+·015	—·006	—·011
Calcutta *(Alipore)* .	—·076	—·004	—·037	+·028	—·052	+·015	—·020	+·025	—·020	+·031	+·015	+·004	—·008
Saugor Island . .	—·069	—·001	—·038	+·034	—·049	+·025	—·012	+·037	—·009	+·046	+·031	+·019	+·001
Cuttack	—·080	+·002	—·035	+·033	—·058	+·020	—·012	+·027	—·003	+·039	+·020	+·008	—·003
False Point . . .	—·079	—·003	—·039	+·034	—·059	+·006	—·015	+·032	—·003	+·038	+·020	+·006	—·005
Sambalpur . . .	—·070	+·026	—·030	+·044	—·039	+·026	—·010	+·025	+·018	+·060	+·047	+·033	+·011
Raipur	—·091	+·002	—·055	+·009	—·058	—·003	—·021	+·005	—·003	+·020	+·007	+·006	—·015
Nagpur	—·075	+·020	—·041	+·010	—·033	+·003	—·004	+·017	+·012	+·029	+·023	+·016	—·002
Seoni	—·085	+·006	—·042	—·004	—·038	—·009	—·010	+·002	—·005	+·016	+·017	+·004	—·012
Jubbulpore . . .	—·089	+·018	—·044	+·004	—·039	—·002	—·005	+·011	+·007	+·031	+·025	+·007	—·006
Saugor	—·094	+·013	—·034	+·003	—·022	+·001	—·012	+·003	+·008	+·023	+·027	+·008	—·006
Pachmarhi . . .	—·082	+·012	—·041	?	?	+·020	+·008	+·017	+·019	+·031	+·027	+·009	?
Hoshangabad . .	—·098	+·014	—·037	+·004	—·023	+·003	—·008	+·006	+·004	—·002	+·030	+·011	—·008
Khandwa . . .	—·072	+·026	—·030	+·002	+·003	+·010	0	+·013	+·003	+·007	+·003	—·014	—·004
Chanda	—·078	+·021	—·036	+·013	—·027	?	?	+·030	+·016	+·034	+·021	+·016	?
Sironcha . . .	?	?	?	—·014	—·050	—·022	—·033	—·005	—·008	+·014	+·004	—·002	?
Chikalda . . .	—·083	+·008	—·046	+·001	—·017	—·009	—·021	+·003	—·001	+·016	+·020	+·002	—·011
Buldana	—·064	+·018	—·045	—·008	—·014	—·005	—·003	+·005	+·003	+·005	+·009	—·003	—·009
Akola	—·076	+·020	—·039	—·004	—·013	+·004	—·001	+·013	+·011	+·021	+·023	+·009	—·003
Amraoti	—·080	+·017	—·041	+·011	?	—·002	—·004	+·013	+·012	+·023	+·021	+·009	?
Neemuch . . .	—·098	?	—·036	?	—·002	+·015	+·006	+·017	?	?	+·035	+·004	?
Nowgong . . .	—·091	+·003	—·038	+·017	—·034	+·007	—·001	+·012	+·013	+·042	+·041	+·013	—·001
Sutna	—·078	+·012	—·033	+·024	—·023	+·016	+·002	+·021	+·014	+·038	+·044	+·024	+·005
Indore	—·079	+·015	—·041	—·013	—·026	—·020	—·024	—·010	—·008	0	+·012	—·015	—·017

TABLE XV A.—*Comparison of monthly Mean Pressures in 1887, with the averages of 13 or less than 13 years*—continued.

Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Bickaneer . . .	—·063	+·034	—·032	+·007	—·048	+·014	+ 021	+·030	+·013	+·018	+·011	—·014	—·001
Jeypore	—·088	+·011	—·043	+·009	—·035	+·004	—·002	+·004	+·011	+·022	+·032	+·003	—·006
Sambhar	—·088	+·017	—·050	+·013	—·025	—·004	—·002	+·009	+·022	+·027	+·034	+·005	—·004
Ajmere	—·089	+·013	—·037	+·006	—·020	+·003	—·003	+·005	+·018	+·013	+·020	—·006	—·006
Mount Abu . . .	—·086	+·013	—·035	+·012	+·018	+·001	—·015	+·010	+·014	+·021	+·031	+·020	0
Jacobabad . . .	—·072	—·002	—·065	—·007	—·047	—·003	—·016	—·010	—·011	—·002	+·010	—·008	—·019
Hyderabad . . .	—·061	+·022	—·033	+·006	—·011	+·017	+·012	+·006	P	+·009	+·019	—·007	P
Kurrachee . . .	—·070	+·009	—·057	—·017	—·002	—·018	—·011	—·005	+·008	+·006	+·010	—·010	—·013
Bhuj	—·062	+·021	—·034	—·001	+·005	+·005	+·015	+·018	+·028	+·021	+·019	0	+·003
Rajkot	—·066	+·044	—·035	—·006	0	—·007	—·005	+·006	+·015	+·011	+·012	—·004	—·003
Deesa	—·080	+·011	—·046	—·009	—·017	—·008	—·004	+·005	—·002	+·008	+·017	—·003	—·011
Surat	—·046	+·026	—·026	—·002	+·018	—·010	+·010	+·014	+·033	+·020	+·021	+·010	+·006
Malegaon . . .	—·063	+·031	—·028	+·004	+·010	+·003	+·012	+·011	+·017	+·022	+·029	+·016	+·005
Bombay	—·047	+·044	—·018	0	+·023	—·012	+·017	+·012	+·024	+·003	+·010	—·008	+·004
Poona	—·035	+·045	—·004	+·005	+·024	+·003	+·016	+·014	+·019	+·011	+·022	+·002	+·010
Sholapur . . .	—·065	+·010	—·038	—·003	+·024	—·005	+·004	+·004	—·003	0	+·008	—·010	—·006
Ratnagiri . . .	—·046	+·019	—·010	+·009	+·036	+·007	+·032	+·016	+·025	+·008	+·017	—·002	+·009
Belgaum . . .	—·061	+·004	—·033	—·016	+·004	—·023	—·005	—·010	—·011	—·006	+·011	—·007	—·013
Karwar	—·053	+·002	—·025	—·010	+·032	0	+·021	+·010	+·014	—·002	+·018	—·017	—·001
Gopalpur . . .	—·081	—·004	—·044	+·020	—·070	—·008	—·025	+·007	—·009	+·038	+·019	+·003	—·013
Vizagapatam . .	—·078	—·006	—·047	+·013	—·073	—·005	—·019	+·007	—·006	+·027	+·014	0	—·014
Rajahmundry . .	—·063	+·006	—·040	—·007	—·081	—·008	+·001	+·022	—·005	+·014	+·016	—·005	—·013
Masulipatam . .	P	+·013	—·048	+·010	—·064	—·009	—·007	+·007	—·015	+·011	+·012	—·003	P
Secunderabad . .	—·067	+·013	—·042	+·004	—·020	—·003	+·004	+·010	+·001	+·011	+·018	+·003	—·006
Kurnool	—·061	+·008	—·035	0	—·004	+·006	+·011	+·012	—·007	—·009	—·008	—·029	—·010
Bellary	—·041	+·032	—·010	+·018	+·027	+·002	+·013	+·007	+·011	+·018	+·031	+·015	+·010
Mangalore . . .	—·038	+·012	—·013	—·003	+·039	+·013	+·036	+·010	+·022	+·010	+·028	—·013	+·009
Mercara	—·034	P	—·026	—·006	+·013	P	P	P	P	P	P	P	P
Madras	—·067	—·001	—·046	+·004	—·024	0	+·003	+·005	—·011	—·003	+·017	—·015	—·011
Salem	—·054	+·001	—·035	+·005	+·001	—·012	0	—·011	—·010	—·002	+·004	—·022	—·011
Calicut	—·056	+·009	—·021	—·007	+·019	+·004	+·017	—·005	—·002	—·006	+·008	—·031	—·006
Coimbatore . . .	—·061	+·010	—·023	—·010	—·004	—·005	+·008	—·016	—·008	+·018	+·026	+·004	—·005
Trichinopoly . .	—·044	+·006	—·032	+·013	+·004	+·016	+·023	+·003	+·007	+·011	+·024	—·003	+·002
Negapatam . . .	—·053	+·008	—·034	+·005	+·002	+·015	+·017	+·005	—·002	+·003	+·016	—·026	—·004

TABLE XV A.—*Comparison of monthly Mean Pressures in 1887, with the averages of 13 or less than 13 years*—concluded.

STATIONS.	January.	February.	March.	April.	May.	June.	July	August.	September.	October.	November.	December.	Year.
Cochin	—·056	+·002	—·024	—·004	+·019	+·005	+·024	—·009	+·011	—·006	+·011	—·025	—·004
Colombo . . .	—·048	+·005	—·017	—·002	+·027	+·003	+·016	—·010	+·004	—·001	+·014	—·022	—·003
Jaffna	—·055	+·001	—·034	—·006	+·006	+·002	+·011	—·003	—·005	—·003	+·015	—·028	—·008
Trincomalee . . .	—·048	+·001	—·031	—·007	—·007	—·003	+·009	—·010	—·009	—·002	+·014	—·023	—·010
Batticaloa . . .	—·070	—·028	—·046	—·017	—·010	—·008	—·008	—·011	—·024	—·016	+·008	—·036	—·028
Hambantota . . .	—·047	P	+·002	P	P	P	P	P	P	P	P	P	P
Galle	—·039	+·021	—·003	+·011	+·035	+·008	+·024	+·003	+·005	+·010	+·025	—·015	+·007
Kandy	—·039	+·006	—·019	—·005	+·029	+·001	+·010	—·008	+·009	+·007	+·024	—·022	—·001
Newera Eliya . . .	P	P	P	P	P	+·007	+·014	0	P	—·016	—·019	P	P
Akyab	—·069	—·017	—·028	—·003	—·040	+·004	—·039	+·020	—·025	+·024	+·022	0	—·013
Thayetmyo . . .	—·053	+·002	—·022	+·021	—·016	—·007	—·024	+·017	—·016	+·028	+·018	+·001	—·004
Toungoo . . .	—·092	—·030	—·031	—·010	—·039	—·024	—·029	—·006	—·040	0	—·009	—·013	—·027
Bassein	—·076	—·017	—·028	—·004	—·039	—·016	—·033	+·002	—·027	+·014	+·018	—·010	—·018
Diamond Island . .	—·063	—·012	—·021	+·001	—·038	—·007	—·024	+·009	—·013	+·022	+·019	—·004	—·011
Rangoon	—·060	—·011	—·019	+·026	—·009	+·012	—·002	+·022	—·016	+·038	+·026	+·005	+·001
Moulmein . . .	—·080	—·022	—·026	+·004	P	P	P	P	P	P	+·012	—·010	P
Mergui	—·059	—·038	—·039	+·013	+·034	+·031	+·022	+·021	—·005	—·006	—·015	—·007	—·004
Port Blair . . .	—·062	—·009	—·021	—·003	—·019	+·010	—·003	+·027	+·001	+·019	+·023	—·015	—·004
Nancowry . . .	—·060	—·027	—·044	+·006	+·016	+·014	+·005	+·003	+·004	+·020	+·024	—·010	—·004

TABLE XV B.—*Comparison of monthly Mean Pressures in 1887, with the averages of more than 13 years.*

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Mauritius . . .	—·037	+·055	—·016	+·041	+·004	+·001	+·015	—·032	+·003	—·005	+·018	+·023	+·006
Lahore	—·080	—·003	—·074	+·004	—·076	+·016	—·001	+·010	+·004	+·018	+·014	+·008	—·013
Roorkee . . .	—·091	—·004	—·064	+·003	—·060	—·002	+·001	+·009	—·008	+·019	+·013	0	—·015
Ranikhet . . .	—·096	—·015	—·029	+·008	—·031	—·022	—·020	—·015	—·020	0	+·009	0	—·019
Meerut . . .	—·087	—·009	—·055	+·008	—·050	—·003	+·006	+·013	+·004	+·025	+·022	+·009	—·010
Lucknow . . .	—·086	—·002	—·041	+·019	—·034	+·017	+·011	+·025	+·004	+·030	+·026	+·009	—·002
Benares . . .	—·084	+·010	—·048	+·007	—·046	+·001	—·019	+·024	—·010	+·029	+·026	+·008	—·009
Sibsagar . . .	—·069	0	—·009	+·039	—·044	+·005	—·008	+·029	—·028	+·029	+·018	+·003	—·003
Silchar . . .	—·065	—·011	—·022	+·018	—·041	+·009	—·034	+·027	—·038	+·026	+·001	—·008	—·012
Darjeeling . . .	—·083	+·004	—·025	+·019	—·004	—·013	—·005	+·008	—·021	+·020	+·015	+·002	—·007

TABLE XV B.—*Comparison of monthly Mean Pressures in 1887, with the averages of more than 13 years*—continued.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Patna	—·083	—·001	—·035	+·027	—·045	+·020	—·009	+·018	—·007	+·035	+·022	+·013	—·004
Gya	—·087	?	?	?	?	?	?	?	?	?	?	?	?
Hazaribagh	—·069	+·014	—·026	+·024	—·037	+·024	+·001	+·022	+·004	+·040	+·022	+·012	+·003
Berhampore	—·070	+·005	—·031	+·035	—·028	+·026	—·010	+·033	—·014	+·048	+·021	+·011	+·002
Burdwan	—·072	—·004	—·034	+·027	—·043	+·009	—·023	+·029	?	+·033	+·010	—·002	?
Jessore	—·074	+·001	—·038	+·027	—·034	+·015	—·023	+·033	—·023	+·040	+·003	—·003	—·006
Dacca	—·062	0	—·027	+·026	—·033	+·013	—·022	+·032	—·022	+·040	+·013	+·002	—·003
Chittagong	—·073	—·006	—·029	+·004	—·041	+·017	—·034	+·029	—·023	+·030	+·009	—·007	—·010
Calcutta (*Alipore*)	—·074	+·008	—·036	+·025	—·036	+·021	—·010	+·030	—·010	+·043	+·005	—·002	—·004
Saugor Island	—·065	+·009	—·039	+·032	—·042	+·030	—·009	+·045	0	+·060	+·026	+·016	+·005
Cuttack	—·085	+·005	—·038	+·030	—·058	+·014	—·019	+·021	—·011	+·041	+·008	+·003	—·007
False Point	—·080	0	—·047	+·023	—·063	+·005	—·025	+·023	—·008	+·044	+·010	+·003	—·010
Nagpur	—·068	+·026	—·036	+·016	—·031	+·012	+·005	+·020	+·021	+·041	+·021	+·018	+·004
Seoni	—·082	+·009	—·041	—·007	—·042	—·008	—·011	+·002	—·001	+·024	+·016	+·006	—·011
Jubbulpore	—·077	+·022	—·040	+·004	—·040	+·004	0	+·011	+·015	+·040	+·023	+·012	—·002
Bombay	—·041	+·024	—·012	+·002	+·027	+·003	+·029	+·014	+·029	+·008	+·004	—·008	+·007
Vizagapatam	—·068	+·003	—·043	+·054	—·068	—·006	—·016	+·006	—·005	+·037	+·010	—·002	—·008
Masulipatam	?	+·023	—·044	+·013	—·056	—·005	—·001	+·009	—·009	+·022	+·009	—·005	?
Secunderabad	—·061	+·016	—·039	+·005	—·012	+·002	+·006	+·010	—·022	+·019	+·018	0	—·003
Bellary	—·037	+·035	—·009	+·015	+·025	+·005	+·014	+·005	+·014	+·022	+·027	+·014	+·011
Madras	—·059	+·005	—·043	+·009	—·022	+·006	+·008	+·004	—·003	+·007	+·011	+·020	—·005
Salem	—·050	+·008	—·032	+·005	+·002	—·011	—·001	—·014	—·007	+·007	—·004	—·026	—·010
Wellington	—·013	+·026	—·004	+·011	+·023	+·014	+·030	+·018	+·021	+·021	+·025	—·005	+·014
Coimbatore	—·056	+·016	—·018	—·008	—·004	+·003	+·014	—·012	+·002	+·023	+·026	+·005	—·001
Trichinopoly	—·038	+·013	—·035	+·014	+·004	+·024	+·031	+·008	+·018	+·022	+·025	—·001	+·007
Negapatam	—·047	+·014	—·032	+·005	+·005	+·020	+·020	+·005	+·003	+·011	+·012	—·031	—·015
Cochin	—·048	+·007	—·020	—·005	+·022	+·009	+·025	—·010	+·014	—·004	+·005	—·031	—·003
Colombo	—·042	+·011	—·012	0	+·029	+·010	+·021	—·007	+·009	+·003	+·016	—·022	+·001
Jaffna	—·053	+·007	—·031	—·005	+·007	+·008	+·014	—·001	+·001	+·005	+·016	—·028	—·005
Trincomalee	—·043	+·008	—·027	—·005	—·005	+·003	+·014	—·007	—·002	+·005	+·007	—·031	—·007
Batticaloa	—·067	—·023	—·041	—·014	—·006	+·001	—·002	—·008	—·018	—·009	+·009	—·039	—·018
Hambantota	—·042	—·024	+·003	+·057	+·080	?	?	?	?	?	?	?	?
Galle	—·033	+·027	+·002	+·014	+·037	+·016	+·030	+·007	+·011	+·015	+·029	—·017	+·012
Kandy	—·032	+·012	—·015	—·003	+·031	+·007	+·013	—·002	+·015	+·014	+·027	—·019	+·004

TABLE XV B.—*Comparison of monthly Mean Pressures in 1887, with the averages of more than 13 years*—concluded.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Newera Eliya . .	—·007	+·007	—·007	—·007	+·017	+·006	+·015	—·002	—·007	—·017	—·022	?	?
Akyab	—·066	—·008	—·019	—·003	—·035	+·004	—·045	+·021	—·024	+·032	+·015	—·001	—·011
Port Blair . . .	—·052	—·001	—·011	+·002	—·013	+·016	+·002	+·035	+·010	+·029	+·023	—·010	+·003
Nancowry . . .	—·059	—·024	—·039	+·006	+·022	+·024	+·011	+·007	+·009	+·026	+·024	—·010	0

TABLE XVI.—*Geographical Summary of the differences of Table XV A.*

	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Decem ber.	Year.
North-Western Himalaya.	8	—·104	+·007	—·036	+·020	—·015	—·010	—·001	+·007	—·008	+·010	+·028	+·007	—·008
Sikkim Himalaya and Nepal.	2—3	—·098	—·005	—·031	+·026	—·015	+·001	0	+·017	—·015	+·014	+·002	+·006	—·007
Punjab Plains .	9	—·080	+·002	—·071	+·012	—·067	+·006	+·001	+·010	+·001	+·013	+·020	+·010	—·012
Gangetic Plains .	13	—·083	—·003	—·040	+·022	—·044	+·011	+·001	+·019	—·002	+·028	+·032	+·014	—·004
Western Rajputana, Sind, Cutch, and Guzerat.	7—8	—·070	—·008	—·042	—·002	—·013	0	0	+·008	+·009	+·012	+·016	—·003	—·068
Eastern Rajputana and Central India.	7—9	—·085	+·012	—·039	+·008	—·025	+·002	—·005	+·008	+·012	+·025	+·031	+·006	—·004
Nerbudda Valley	3	—·086	+·019	—·037	+·003	—·020	+·004	—·004	+·010	+·005	+·012	+·019	+·001	—·066
Chutia Nagpur .	1	—·071	+·009	—·026	+·026	—·039	+·021	0	+·024	—·001	+·034	+·029	+·016	+·002
Lower Bengal . .	6	—·072	—·004	—·035	+·031	—·046	+·015	—·017	+·031	—·020	+·035	+·021	+·008	—·004
Assam and Cachar	3	—·074	—·010	—·022	+·034	—·044	+·006	—·019	+·028	—·032	+·022	+·019	+·001	— 008
Orissa and Sambalpur.	4	—·078	+·005	—·037	+·033	—·057	+·011	—·016	+·023	+·001	+·044	+·027	+·013	+·003
Central Provinces, South and Berar	8—10	—·079	+·014	—·043	+·002	—·031	—·003	—·010	+·010	+·006	+·021	+·017	+·007	—·007
Konkan . .	4	—·048	+·023	—·020	—·001	+·027	—·004	+·020	+·013	+·024	+·007	+·017	—·004	+·005
Malabar Coast .	2	—·047	+·007	—·019	—·004	+·029	+·009	+·030	+·001	+·017	+·002	+·020	—·019	+·002
Deccan, Hyderabad, and Mysore.	7—8	—·053	+·021	—·027	0	+·010	—·010	—·001	—·004	+·004	+·007	+·015	—·002	—·003
East Coast and Carnatic.	7—8	—·060	+·005	—·038	+·004	—·024	—·001	+·003	+·003	—·004	+·010	+·012	—·009	—·009
Ceylon . .	6—7	—·049	+·031	—·021	—·004	+·013	+·001	+·010	—·007	—·003	—·001	+·017	—·024	—·006
Arakan and Pegu	7	—·070	—·013	—·026	+·005	—·032	—·003	—·026	+·013	—·023	+·021	+·016	—·004	—·012
Tenasserim .	1—2	—·070	—·030	—·033	+·009	+·034	+·031	+·022	+·021	—·005	—·006	—·002	—·009	—·003
Bay Islands .	2	—·061	—·018	—·033	+·002	—·002	+·012	+·001	+·015	+·002	+·020	+·024	—·013	—·004
Mean of all the Stations.	115—119	—·072	+·003	—·036	+·010	—·022	+·003	—·002	+·011	—·001	+·017	+·020	+·002	—·006

The above tables show the variations in the horizontal distribution of pressure. The variations in a vertical direction are shown approximately by the differences of pressure between the hill stations and adjacent plain stations; observing, however, that, as there must always be an interval of some miles between any hill station and the nearest station

on the plains, these differences must also be affected to some small extent by a horizontal difference, of an amount not accurately determinable. If the pairs of stations are well selected, this horizontal difference will, however, not be large when a comparison is made of the average pressures of a whole month. If considerable accuracy were required, an approximate correction might be deduced, by considering the course of the isobars on the monthly charts, and the relative positions of the stations. In the following table it has not been thought necessary to apply these small corrections as they are not sufficiently large to affect appreciably the results of such a comparison.

The following tables, XVII and XVIII, give the average differences of pressure at ten hill stations, and the nearest stations on the plains below, *viz.* six stations in the Himalayas, one in Western, and three in Peninsular India—the averages being in no case taken from less than four years. The pairs of stations selected, together with their horizontal distances and differences of elevation, are as follows:—

Pairs of Stations.		Horizontal distance.	Elevation in Feet.		Difference.
Hills.	Plains.		Upper.	Lower.	
I.—Murree	Rawalpindi	30 miles.	6,344	1,652	4,692
II.—Simla	Ludhiana	80 „	7,048	812	6,236
III.—Chakrata	Roorkee	58 „	7,052	887	6,165
IV.—Ranikhet	Bareilly	90 „	6,069	568	5,501
V.—Darjeeling	Dhubri	116 „	7,421	115	7,306
VI.—Katmandu	Durbhunga	100 „	4,388	166	4,222
VII.—Mount Abu	Deesa	40 „	3,945	466	3,479
VIII.—Pachmarhi	Hoshangabad	48 „	3,511	1,020	2,491
IX.—Chikalda	Amraoti	40 „	3,642	1,213	2,429
X.—Wellington	Coimbatore	20 „	6,200	1,348	4,852

TABLE XVII.—*Average Differences of Pressure at Hill and Plain Stations.*

	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
I.—Murree and Rawalpindi.	13	4·492	4·479	4·388	4·300	4·224	4·155	4·162	4·193	4·227	4·310	4·406	4·466
II.—Simla and Ludhiana.	13	5·940	5·925	5·797	5·683	5·606	5·541	5·563	5·592	5·636	5·727	5·853	5·923
III.—Chakrata and Roorkee.	13	5·859	5·842	5·716	5·601	5·543	5·483	5·518	5·539	5·568	5·663	5·767	5·836
IV.—Ranikhet and Bareilly.	13	5·339	5·307	5·195	5·095	5·046	5·004	5·019	5·052	5·083	5·171	5·259	5·331
V.—Darjeeling and Dhubri.	11—12	6·960	6·931	6·805	6·724	6·684	6·628	6·613	6·626	6·658	6·746	6·825	6·918
VI.—Katmandu and Durbhunga.	4—6	4·183	4·182	4·083	4·027	4·008	3·995	3·991	4·005	4·013	4·073	4·141	4·199
VII.—Mount Abu and Deesa.	7—9	3·413	3·394	3·345	3·304	3·269	3·275	3·300	3·318	3·323	3·327	3·372	3·404
VIII.—Pachmarhi and Hoshangabad.	12—13	2·454	2·434	2·384	2·351	2·334	2·340	2·369	2·375	2·372	2·386	2·426	2·452
IX.—Chikalda and Amraoti.	10—12	2·356	2·335	2·290	2·268	2·247	2·269	2·296	2·298	2·298	2·305	2·338	2·363
X.—Wellington and Coimbatore.	10—11	4·339	4·312	4·275	4·248	4·247	4·278	4·283	4·285	4·298	4·296	4·314	4·338

TABLE XVIII.—*Comparison of Pressure Differences in 1887 with the Averages of Table XVII.*

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
I.—Murree and Rawalpindi .	+·035	—·005	—·019	—·026	—·059	—·001	—·010	+·008	+·002	—·018	—·019	—·002
II.—Simla and Ludhiana .	+·024	—·001	—·031	+·006	—·057	+·012	—·002	+·003	+·019	+·014	—·017	+·001
III.—Chakrata and Roorkee .	+·012	—·017	—·023	—·002	—·049	+·013	+·007	+·014	+·013	+·007	—·010	—·002
IV.—Ranikhet and Bareilly .	+·011	+·005	—·011	+·009	—·022	+·021	+·017	+·022	+·015	+·025	+·012	+·007
V.—Darjeeling and Dhubri .	+·013	—·012	+·006	+·026	—·020	+·019	—·010	+·025	+·001	+·006	+·006	0
VI.—Katmandu and Durbhunga.	+·045	+·023	+·001	+·017	—·026	—·004	—·009	—·001	—·005	+·028	+·023	+·021
VII.—Mount Abu and Deesa .	+·002	—·003	—·008	—·028	—·007	—·017	—·006	—·013	—·025	—·015	—·015	—·023
VIII.—Pachmarhi and Hoshangabad.	—·016	+·002	+·004	?	?	—·017	—·016	—·011	—·015	—·033	+·003	+·002
IX.—Chikalda and Amraoti .	—·003	+·005	+·001	+·004	?	+·008	+·014	+·013	+·011	+·010	+·004	+·006
X.—Wellington and Coimbatore.	—·043	—·008	—·012	—·015	—·021	—·008	—·007	—·021	—·023	+·011	+·005	+·006

January.—The mean pressure for the whole of India at the end of the year 1886 was almost identical with the average, and the distribution of pressure approximated very closely to the mean or normal distribution. The local barometric anomalies of the month of December 1886 were small, in no case exceeding ·02″. Conditions changed rapidly at the commencement of the year. The mean pressure of the whole Indian area for the month of January was ·072″ below the normal mean. The local variations were also large. Allowing for the general variation by adding ·072″ to the variation given for the month of January on Table XVI the figures thus obtained (which may be termed the local anomalies) show that pressure was in defect relatively to the general state over the whole of Northern and Central India. The deficiency was greatest at the foot of the Sikkim Himalayas and in an area defined by the stations of Sirsa, Jeypore, Indore, Sutna and Bareilly. In these two areas the local anomalies varied from —·02″ to —·04″, and were absolutely greatest at Saugor, Jhansi and Jeypore. Pressure was relatively in excess, or the local anomalies were positive in Western and Southern India. The local excess was greatest on the Malabar and Bombay coasts, where it varied from +·02″ to +·03″, and was absolutely greatest at Poona (+·037″). The differences of pressure between the Himalayan hill stations and adjacent plain stations were in every case greater than usual, thus showing that the deficiency of pressure which characterised Northern India was more prominent in the middle atmospheric strata than it was in the lower strata over the plains. It was hence almost certainly due to abnormal conditions in the upper regions of the atmosphere, and perhaps in the return south-west current.

The following gives the provincial anomalies (freed from the general anomaly —·072″):—

	″		″
North-West Himalayas . .	—·032	Assam	—·002
Sikkim Himalayas . .	—·026	Central Provinces . .	—·008
Punjab	—·008	Konkan and Malabar . .	+·024
Gangetic plain . . .	—·011	Deccan	+·019
West Rajputana . . .	+·002	Carnatic	+·012
East Rajputana . . .	—·012	Ceylon	+·023
Bengal and Chutia Nagpur .	+·001	Burma	—·002

Pressure was high at the commencement of the month over the whole of India. It oscillated in amount between 30·15″ and 30·20″ in Upper India during the first four days of the month. Anticyclonic conditions continued for the next fortnight with rapid and slightly larger fluctuations of pressure than usual. The highest reduced barometric readings of the month were the following:—

Reading.	Date.	Place.
30·289	10 A.M. of the 11th	Rawalpindi
30·280	„ „ 15th	„
30·279	„ „ „	Peshawar

The barometer began to fall on the 16th in Upper India. Pressure diminished rapidly until the morning of the 20th, and then increased until the 23rd or 24th. After a short period of small and rapid fluctuation of pressure the barometer again began to fall on the 27th, and pressure decreased steadily until the 29th, and afterwards increased rapidy until the 31st. There were hence two periods of considerable barometric depression in Upper India. These two depressions formed the chief features of the weather in Northern India during the latter half of the month, and are briefly described below.

Depression of January 17th to the 23rd.—This began to form on the 17th and developed during the next two days. It covered the whole of Upper India, including the Punjab, Sind, Rajputana, and the greater part of the North-Western Provinces on the 20th.

The following Table gives data showing the character of the depression:—

Stations.	Fall from 10 A.M. of 17th Jan. to 10 A.M. of 20th.	Rise from 10 A.M. of 20th Jan. to 10 A.M. of 23rd.	Stations.	Fall from 10 A.M. of 17th Jan. to 10 A.M. of 20th.	Rise from 10 A.M. of 20th Jan. to 10 A.M. of 23rd.
	″	″		″	″
Quetta	—·072	+·072	Lahore	—·273	+·197
Murree	—·252	+·226	Sirsa	—·212	+·180
Simla	—·259	+·150	Kurrachee	—·122	+·084
Mussooree	—·268	+·161	Deesa	—·092	+·127
Ranikhet	—·181	+·064	Jeypore	—·224	+·165
Peshawar	—·338	+·234	Roorkee	—·246	+·157
Rawalpindi	—·290	+·222	Agra	—·260	+·179
Dera Ismail Khan	—·348	+·223	Allahabad	—·290	+·240
Sialkot	—·311	+·212	Calcutta	—·153	+·226
Jacobabad	—·206	+·041	Bombay	—·049	+·075
Mooltan	—·322	+·179			

The charted observations show even more clearly than the preceding figures that this was a stationary cold weather depression. The barometer fell steadily for three days, due probably to ascensional movement in the higher, as well as the lower, atmospheric strata. The depression was greatest on the morning of the 20th, when pressure was upwards of one-third of an inch below the average of the month in the North Punjab, the central area of the depression. The general disturbance producing, and accompanying, this depression gave moderate rain over the Punjab, Rajputana, North-West Provinces, Bengal, Assam and Burma (excepting Tenasserim). The rainfall began on the 19th in the Punjab and terminated in Burma on the 23rd.

Depression of January 27th to 31st.—The second depression of the month was apparently similar in character to the first. It appeared on the 27th in the South Punjab and North Rajputana and intensified on the 28th. It commenced to fill up on the 29th, and at the same time moved slowly to the east and disappeared in the Himalayas of the North-West Provinces. The following data show the character of the barometric oscillation accompanying the storm :—

Stations.	Fall from 10 A.M. of 27th Jan. to 10 A.M. of 29th.	Rise from 10 A.M. of 29th to 10 A.M. of 31st.	Stations.	Fall from 10 A.M. of 27th Jan. to 10 A.M. of 29th.	Rise from 10 A.M. of 29th to 10 A.M. of 31st.
	"	"		"	"
Quetta . . .	+·007	+·102	Jacobabad . .	—·073	+·142
Murree . . .	—·152	+·096	Mooltan . . .	—·119	+·151
Simla . . .	—·090	+·014	Sirsa . . .	—·206	+·174
Mussooree . .	—·080	+·004	Kurrachee . .	—·048	+·089
Ranikhet . .	—·098	+·014	Deesa . . .	—·110	+·092
Peshawar . .	—·117	+·106	Jeypore . . .	—·189	+·172
Rawalpindi . .	—·122	+·079	Agra . . .	—·216	+·156
Dera Ismail Khan .	—·100	+·108	Roorkee . . .	—·175	+·094
Lahore . . .	—·150	+·129			

Moderate rain fell during the storm in the North Punjab, Bengal, Assam and a few showers in Upper Burma and some heavy snowfalls occurred in the North-West Himalayas and on the Afghan hills, and very heavy snowfall in the Eastern Himalayas.

February.—The variations of the mean pressure for the month from the normal were very small, and the mean distribution of pressure approximately agreed with the normal. The only variations of importance were a slight excess of pressure in the Konkan (·020″) and the Deccan (·018″), and a moderately large deficiency in Tenasserim (·033″), the Bay Islands (·021″), and Lower Pegu (·016″).

The following gives the variations of the various meteorological districts freed from the general variation :—

Positive variations.	"	Negative variations.	"
N.-W. Himalayas . . .	+·004	Sikkim Himalayas . .	—·008
East Rajputana . . .	+·009	Punjab	—·001
Chutia Nagpur . . .	+·006	Gangetic Plains . . .	—·006
Orissa	+·002	West Rajputana . . .	—·011
Central Provinces . .	+·010	Lower Bengal . . .	—·007
Konkan	+·020	Assam	—·013
Malabar	+·004	Ceylon	—·002
Deccan	+·018	Pegu	—·016
Carnatic	+·002	Tenasserim	—·033
		Bay Islands	—·021

The largest positive variations were in the area represented by the stations of Bombay, Poona, Nagpur, Khandwa, Malegaon and Rajkot.

The month was unusually free from disturbance. Weather was unsettled in the hill districts for some days after the storm of the last week in January, and snow continued to fall in the North-West Himalayas and Afghan mountains until the 7th and 8th, when

skies cleared in the hills and a period of dry cool weather with high pressure and other anticyclonic conditions set in. Pressure increased until the 14th or 15th in Upper India, on which days the highest 10 A.M. pressures of the year were recorded. They were as follows:—

Date.	Station.	Pressure.
14th	Rawalpindi	30·378
	Peshawar	·364
	Dera Ismail Khan	·350
15th	Peshawar	30·382
	Dera Ismail Khan	·372
	Mooltan	·370

From this date to the end of the month pressure decreased considerably and moderate fluctuations of short period succeeded each other. On the last day of this month pressure was about six-tenths of an inch lower in the Punjab than it was on the 15th. No clearly marked depression formed in, or entered into, Upper India during the month.

March was much more unsettled than February. The mean pressure of the whole of India was ·036″ below the normal. The continuance of fine weather, with clear skies during the latter half of the month of February and the greater part of March, caused temperature to increase with unusual rapidity in Northern and Central India. This produced a considerable change in the local anomalies which began gradually to acquire the features that characterised them at the commencement of the south-west monsoon in June.

The following give the anomalies of the various meteorological districts freed from the general variation (—·036″):—

Negative anomalies.	″	Positive anomalies.	″
N.-W. Himalaya	—·001	Chutia Nagpur	+·010
Punjab	—·035	Bengal	+·001
N.-W. Provinces	—·004	Assam	+·014
West Rajputana	—·006	Konkan	+·016
East Rajputana	—·003	Malabar	+·017
Orissa	—·001	Deccan	+·009
Central Provinces	—·007	Ceylon	+·015
		Arakan	+·010
		Bay Islands	+·003

These show that pressure was relatively to the general state very deficient in the Punjab. The following give the local anomalies of several of the Punjab stations:—

	″		″
Sialkot	—·045	Sirsa	—·034
Mooltan	—·038	Ludhiana	—·041
Lahore	—·038	Dera Ismail Khan	—·049

The anomalies were positive over nearly the whole of Central and Southern India. They were large (slightly exceeding ·02″) at the majority of the stations in Ceylon, Malabar, Konkan and the Western Deccan. The following give the largest anomalies in these districts:—

	″		″
Galle	+·033	Bellary	+·026
Colombo	+·019	Ratnagiri	+·026
Cochin	+·012	Bombay	+·018
Mangalore	+·023	Poona	+·032

The pressure variations were hence in March of opposite character in Northern and

Southern India, the Punjab being the seat of the greatest negative anomalies, and the Bombay coast and some parts of the West Deccan and Ceylon of the largest positive anomalies.

Under the action of increasing heat and temperature over the whole of India, and more especially in Central and Northern India, the barometer fell almost without interruption from the 16th of February to the 1st of March, on which day the barometer in the Punjab stood ·64 inch lower than it did a fortnight previously. Pressure in consequence of this prolonged fall (greatest in amount in the Punjab) was lowest on the 1st in the Punjab. The depression concentrated slightly on the 2nd and 3rd, and passed eastwards on the 4th into the North-West Provinces and the Himalayan region. Thunder-storms (in some cases accompanied with hail) occurred at the hill stations and in the plain districts along the foot of the hills in the Punjab on the 3rd, and 4th, after which fine dry weather, with increasing temperature, set in and lasted until the 10th, when the barometer fell rather rapidly in Northern India, and a large and very shallow area of low pressure apparently advanced from Afghanistan into the Punjab and adjacent districts of Rajputana. It concentrated slightly on the 12th and 13th between Mooltan, Lahore, and Sirsa. Numerous dust-storms occurred in the Punjab plains and thunder-storms with hail and rain at all the hill stations of Upper India. It passed eastwards on the 14th and filled up partially during the day and merged into the area of low pressure overlying the Himalayan region on the 15th. From that date to the 25th the barometric changes were small, and the normal distribution obtained, pressure being generally lowest in the Deccan and highest in the Punjab, the range of pressure over India averaging ·15″. Pressure was very uniform on the 23rd and 24th when the barometer began to fall, and a period of stormy weather commenced in Northern India. The following gives a statement of the total fall and rise of the barometer at several stations in Northern India during this disturbed period :—

		Fall from 10 A.M. of 25th to 10 A.M., 28th.	Rise from 10 A.M. of 28th to 10 A.M., 31st.
		″	″
Hill stations.	Quetta	—·102	+·082
	Murree	—·217	+·248
	Simla	—·169	+·219
	Mussooree	—·120	+·120
	Ranikhet	—·102	+·118
Plain stations.	Peshawar	—·170	+·331
	Rawalpindi	—·184	+·343
	Dera Ismail Khan	—·233	+·359
	Sialkot	—·229	+·317
	Jacobabad	—·120	+·262
	Mooltan	—·193	+·361
	Sirsa	—·259	+·353
	Kurrachee	—·174	+·175
	Deesa	—·102	+·150
	Ajmere	—·194	+·271
	Jeypore	—·214	+·256
	Roorkee	—·187	+·235
	Agra	—·169	+·214

A moderately deep depression covered the Punjab on the 26th, but the circulation was very light and irregular. The centre lay on the 27th and 28th between Lahore and Sirsa, when the depression below the average pressure of the period was nearly ·3″. The central depression advanced very slowly eastwards towards the foot of the hills and filled up gradually on the 29th and 30th, and disappeared on the morning of the 31st. Dust-storms passed over many stations in the Punjab on the 29th and 30th, and numerous thunder-storms occurred in the hill districts.

The most remarkable feature in connection with this disturbance was the formation of a smaller and perhaps dependent or secondary depression in the Central Provinces and Chutia Nagpur on the 29th and 30th, which determined a very strong rush of southerly winds across the Bengal coast, and gave heavy showers and severe thunder-storms on these two days to the whole of Bengal, Assam, Behar, Oudh, and the eastern districts of the North-Western Provinces. An average of over 4 inches of rain fell in the Burdwan, Hooghly and Howrah districts on the morning of the 30th.

April.—The chief features of the distribution of pressure during this month resembled those of the month of February. The mean variation of pressure from the normal for the whole of India averaged +·010″. The local variations (after deducting ·010″ for the general variation from the means given in Table) are as follows :—

Positive variations.	″	Negative variations.	″
N.-W. Himalayas	+·010	West Rajputana	—·012
Sikkim Himalayas	+·016	East Rajputana	—·002
Punjab	+·002	Central Provinces	—·009
N.-W. Provinces	+·012	Konkan	—·011
Chutia Nagpur	+·016	Malabar	—·014
Lower Bengal	+·021	Carnatic	—·006
Assam	+·024	Ceylon	—·014
Orissa	+·023	Pegu	—·005
		Bay Islands	—·008

The anomalies were less in amount than those of the preceding month, and were positive over the whole of Northern India and negative in Central and Southern India. The only large and important anomalies (exceeding ·02″) were those of Bengal, Assam and Orissa. This complete change, or reversal, of the character of the anomalies was (as will be seen in the remarks of the following month) only temporary, and was probably mainly an after effect of the very extensive series of thunder-storms which visited North-Eastern India during the last week of March.

The month of April was unusually free from disturbance and from rapid and large barometric movements. The only feature of interest in this element of observation for the month was the transfer of the seat of lowest pressure from one part of the country to the other during the month. It lay over the Deccan at the commencement of the month and until the 9th, and was transferred to the Punjab on the 10th, and oscillated between the Punjab and the Central Provinces and Chutia Nagpur until the 15th. During the next five days two shallow areas of low pressure were in existence, one in Chutia Nagpur and Behar, and the other in West Rajputana. Central Behar became the seat of lowest pressure for three days, from the 20th to the 23rd. Uniform pressure, with rising barometer, followed until the 27th, when pressure was lowest in Chutia Nagpur. On the 28th the area of lowest pressure was transferred to the Punjab, North Rajputana, and Sind, after which date that

area remained, with occasional exceptions during the formation and existence of small cyclonic storms in the Bay or Northern India the seat of permanent minimum pressure until the month of September.

May.—The mean variation of pressure for the whole of India was —·022″, opposite in character to the variations of February and April, and similar to those of January and March. The local variations of the month were much larger than those of April, and generally resembled those of March. The following table gives the local variations freed from the general variation :—

Positive variations.	″	Negative variations.	″
Himalayas	+·007	Punjab	—·045
West Rajputana	+·009	N.-W. Provinces	—·022
Konkan	+·049	East Rajputana	—·003
Malabar	+·051	Chutia Nagpur	—·017
Deccan	+·032	Lower Bengal	—·024
Ceylon	+·035	Assam	—·022
Bay Islands	+·020	Orissa	—·035
		Central Provinces	—·010
		Pegu	—·010
		Carnatic	—·002

The negative anomalies are very large in the case of the Punjab and Orissa, and to a less extent in Bengal, Assam, Chutia Nagpur, and some parts of the Central Provinces. The following give all cases in which the local negative variations of the month exceeded ·04″ in amount :—

	″		″
Mooltan	—·042	Sirsa	—·044
Dera Ismail Khan	—·065	Gopalpur	—·048
Rawalpindi	—·050	Vizagapatam	—·051
Lahore	—·050	Rajahmundry	—·059
Sialkot	—·063	Masulipatam	—·042

There were hence two areas of unusually low pressure (or large negative anomalies), *viz.*, one in the Punjab and the second overlying the Madras coast districts between Gopalpur and Masulipatam and the adjacent inland districts.

The following statement gives the positive variations exceeding ·04 ″:—

	″		″
Mangalore	+·061	Bombay	+·045
Cochin	+·041	Surat	+·040
Ratnagiri	+·058	Colombo	+·049
Karwar	+·054	Galle	+·057
Sholapur	+·046	Bellary	+·049
Poona	+·046		

These figures show that pressure was excessive on the west coast of India from Surat to Colombo, and also over the West Deccan, with the exception of an area surrounding, and mainly represented by, the station of Belgaum, the anomaly of which was only +·004.

Hence the general character of the anomalies of the month of May was similar to that of March, the only difference being that the contrast between the low pressure conditions of Upper India and the high pressure conditions of Western India were even more strikingly marked.

The month of May was, as usual, the transition period between the hot weather and the rains over a large part of India. The south-west monsoon commenced a little earlier than usual in the south of the Bay and Southern India. The humid current of the south-west monsoon advanced up the east of the Bay rapidly and gave rise to a very fierce cyclonic storm which formed off the West Pegu coast, and marched to the north-west across the head of the Bay and, after striking the North Orissa coast, passed through Orissa and Chutia Nagpur into Behar, where it broke up after an existence of about ten days.

The most important general changes of pressure during the month in the Indian area are shown by the following statement :—

Date.	10 A.M. Highest pressure in Ceylon or Southern India.	10 A.M. Lowest pressure in Upper India.	Range of pressure or Barometric difference between Ceylon and Upper India.
	"	"	"
May, 1st	29·93	29·71	·22
„ 8th	·96	·53	·43
„ 10th	·95	·54	·41
„ 14th	·91	·41	·50
„ 18th	·91	·60	·31
„ 22nd	·91	·45	·46
„ 27th	·85	·54	·31
„ 31st	·96	·48	·48

At the commencement of the month the Punjab had become permanently the seat of lowest pressure, but the difference between the pressure in the south of the Bay and the Punjab was comparatively small, and less than one-quarter of an inch in amount. Pressure fell fairly steadily and rapidly in Upper India, until the 14th, when the lowest pressures of the month were recorded in the Punjab, and the barometric difference over India had increased from ·22″ to ·50″. It decreased to ·3″ during the next four days concurrently with the first advance of monsoon winds over the south of the Bay, and after a smaller fluctuation again increased in the last week of the month (by the double change of increasing pressure in the south of India and decreasing pressure in Upper India) from ·3″ to ·48″.

Depression and cyclonic storm of May 19th to 30th.—This, which was the most remarkable storm of the year, has been fully described in the Cyclone Memoirs, Part I. Its track is laid down in the Track Chart of storms in the Bay of Bengal, Plate IV. The following gives a brief summary of its more important features.

The depression began to form in front of the first up-rush of strong and humid south-west monsoon winds on the 19th May in the area between the Andamans and the South-West Pegu coast, where winds had been for at least two or three days previously light and more variable than in any other part of the Bay. Before the evening of the 20th a well marked depression had formed over which the weather was squally and stormy, winds increasing rapidly in force and heavy rain falling. The centre was in latitude 16° N. and longi-

tude 92° 30′ E. at noon of the 21st, and had already begun to drift to the north-west. It was in latitude 16° 30′ N. and longitude 91° 50′ E. at noon of the 22nd. During this day the inner storm area of rapid barometric fall and hurricane winds appears to have formed. The barometer was almost certainly lower than 29·00″ at the centre on the morning of the 23rd, when the S.S. *Peshwa* became involved in the storm, and was not able to extricate herself until late in the evening. The centre was in latitude 17° 15′ N. and longitude 91° 15′ E. at noon of the 23rd, so that it had advanced about 50 miles, during the previous 24 hours. At the same hour on the 24th it was in latitude 18° 30′ N. and longitude 90° 15′ E., or 110 miles in advance of its position on the previous day.

The storm increased rapidly in intensity during the next 36 hours and its rate of motion was accelerated from 4½ miles to nearly 10 miles per hour. The centre at noon of the 25th was in latitude 20° N. and longitude 88° 45′ E. The Pilot vessels *Cassandra* and *Coleroon* and the Light Vessel *Star* passed through the central calm area during the afternoon and evening. The lowest reading of the barometer during the storm (27·75″) was observed on board the *Star* when she passed through the centre at 8 P.M.

The weather at the head of the Bay was now excessively stormy and dangerous. The S.S. *Sir John Lawrence* proceeding to Chandbally, with 800 pilgrims, for Pooree, and the steam Tug *Retriever*, both ventured out to sea on the morning of the 25th, and were overwhelmed by the advancing cyclone. The storm centre crossed the North Orissa coast near Balasore about 4 A.M. on the morning of the 26th. The storm advanced through Orissa and Chutia Nagpur during the day, giving a deluge of rain and violent winds to the districts through which it passed, and gradually filling up, as the resistance of the land decreased the rotatory motion. It passed into South Behar on the morning of the 27th and Central Behar on the 28th, but the depression was now very slight, and the winds of moderate intensity. The sea winds crossing the Bengal coast continued to bring up vast quantities of moisture, which was condensed and precipitated in Behar on the 27th and 28th, and which, after the depression had completely disappeared on the 29th, gave general and heavy rain over the whole province, more especially in North and East Bengal.

The following table gives the position of the storm centre and its average rate of motion throughout its existence :—

Date.	Hour.	Position of centre.		Distance traversed during interval.	Average rate of motion per hour during interval.
		Latitude N.	Longitude E.	Miles.	Miles.
May 21st	Noon	16° 0′	92° 30′	45	2
„ 22nd	„	16° 30′	91° 50′		
„ 23rd	„	17° 15′	91° 15′	52	2
„ 24th	„	18° 30′	90° 15′	110	4½
„ 25th	„	20° 0′	88° 45′	145	6
„ 26th	4·30 A.M.	21° 45′	87° 10′	140	8½
	10 A.M.	22° 15′	86° 40′	50	8½
„ 27th	10 A.M.	24° 25′	85° 50′	160	7

The following gives the lowest observed barometric readings on each day of the

storm and affords some indication as to the rate at which the depression increased during the life of the storm at sea and diminished as it passed over land :—

Date.	Hour.	Lowest observed reading.	Distance from the centre at which observation was taken.
		"	
May, 23rd . .	3·20 P.M.	28·88	Observed on board the *Peshwa* about 10 miles from the centre.
„ 24th . .	11 „	29·26	Observed on board the *Sirsa* at 11 P.M. when about 50 miles from the centre.
„ 25th . .	4 „	28·19	Observed by the *Cassandra* in the calm centre.
„ „ . .	6 „	28·13	Observed on board the *Cassandra* two hours after passing out of the calm centre.
„ „ . .	8 „	28·00	Observed on board the *Coleroon* a few miles to west of centre.
„ „ . .	Midnight	27·75	Observed on board the F. L. V. *Star* in the calm centre.
„ 26th . .	4·30 A.M.	28·45	Observed at Balasore one or two miles to the west of the centre.
„ „ . .	10 „	29·24	Observed at the Midnapore Observatory about 45 miles to the east of the centre.
„ „ . .	5·42 P.M.	29·42	Observed at Hazaribagh.
„ 27th . .	10 A.M.	29·45	Observed at Gya and Hazaribagh, each about 40 miles from the centre.
„ 28th . .	10 „	29·60	Observed at Gya, about 30 miles from the centre of the residual cyclonic circulation.

June.—The mean variation of pressure for the whole of India was only ·003". The local variations of pressure were also much smaller than those of the preceding three months. They were as follow :—

Negative variations.	"	Positive variations.	"
North-West Himalayas . .	—·013	Punjab	+·003
Sikkim Himalayas . .	—·002	North-West Provinces . .	+·008
Rajputana	—·001	Chutia Nagpur . . .	+·018
Central Provinces . .	—·006	Bengal	+·012
Konkan . . .	—·007	Assam	+·003
Deccan	—·013	Orissa	+·008
Carnatic	—·004	Malabar	+·006
Ceylon	—·002	Bay Islands	+·009
Lower Burma . . .	—·006		

The monsoon current did not advance during the month further than the Central Provinces and Central India, and the eastern districts of the North-West Provinces. The first effect of the partial advance of the monsoon current on the peculiarities or temporary features of the pressure distribution was very marked. It not only smoothed away the larger anomalies of the preceding month, but inverted for a short time the pressure relations between Western and Upper India. The anomalies of the month were in all cases

small and were negative over the whole of Western, Central, and Southern India, and positive in Northern India and in the south-east of the Bay. The only local variations exceeding ·02″ were :—

	″		″
Belgaum	—·025	Sambalpur	+·023
Toungoo	—·026	Sironcha	—·025
Mergui	+·029	Indore	—·023
Saugor Island	+·023		
Aden	—·032	Quetta	—·023
Bushire	—·029	Leh	—·030

The difference between the pressure at the hill stations and adjacent plain stations was ·02″ greater than usual, or pressure was deficient at the level of 6,000 and 7,000 feet on the Himalayan area as compared with the pressure at the sea-level.

The following statement gives the fluctuations of the range of pressure over India, or the differences between the pressure in the south of the Bay and Upper India :—

Date.	10 A. M. Highest pressure in Ceylon or Southern India.	10 A. M. Lowest pressure in Upper India.	Range of pressure or barometric difference between Southern and Upper India.
	″	″	″
June 2nd	29·92	29·39	·53
„ 4th	·95	·56	·39
„ 6th	·91	·42	·49
„ 9th	·90	·55	·35
„ 14th	·95	·43	·52
„ 16th	·97	·47	·50
„ 19th	·93	·36	·57
„ 22nd	·89	·56	·33
„ 29th	·92	·37	·55
„ 30th	·89	·39	·50

The most important features in the pressure conditions of the month of June, as of the succeeding months of the rains, are the depressions which either accompany the advance of bursts of rainfall from the Bay of Bengal and Arabian Sea, or which tend to form over areas of excessive rainfall in the Indian land area. The more important depressions of June are enumerated and discussed below.

Depression of June 11th to 15th generated in the Bay of Bengal.—This formed on the 10th and 11th in the north of the Bay, in front of an advance of south-west winds. The S.S. *Governor* in latitude 17° 30′ N. and longitude 87° 5′ E. at noon of the 11th had constant rain (frequently very heavy) with much lightning and strong winds, of force varying from 4 to 8 during the day. The S.S. *Ashleigh Brook*, in latitude 14° 57′ N. and longitude 90° 27′ E. at noon, had strong steady W.S.W. winds of force 6, with heavy squalls, and the F. L. V. *Star* near the entrance to the river Hooghly had changeable weather. On the 12th, the depression was off the Ganjam coast, the centre being in latitude 18° 30′N. and longitude 86° 30′ E. The *Ashleigh Brook* to the east had fresh squally winds

with much rain. The centre crossed the coast nearly midway between Gopalpur and Vizagapatam on the morning of the 13th, but the depression was a very shallow one. The centre recurved to the W.N.W., and passed about 60 miles to the south of Raipur at 10 A.M. of the 14th. The observations are not sufficient to show whether it filled up in the Central Provinces during the day, or whether it advanced as a small storm into the eastern districts of the North-West Provinces, where there was a slight depression on the morning of the 15th. This latter depression appears to have drifted during the next 36 hours to the W.N.W. filling up as it advanced westwards. Moderately heavy rain fell in Orissa, the Central Provinces, and Behar during the existence of the storm. The following gives the chief data of this storm :—

Date.	Place where lowest barometer in storm area was observed on given day.	Lowest barometer observed in storm area on day.	Variation from normal.
		"	"
June 11th . . .	False Point	29·529	—·103
„ 12th . . .	Gopalpur	·453	—·177
„ 13th . . .	„	·450	—·180
„ 14th . . .	Raipur	·433	—·173
„ 15th . . .	Benares	·472	—·096

Depression of June 19th to 21st generated in the Bay of Bengal.—This, like its predecessor, was a very shallow and feeble storm. It originated in the north-west angle of the Bay on the 18th and 19th. The F. L. V. *Star* to the east of it on the 19th had strongish south-west winds, with squalls and rain, and a rough sea during the day. The storm advanced northwards across the coast midway between Saugor Island and Balasore on the afternoon of the 19th. The centre was to the north-west of Burdwan on the morning of the 20th, and between Patna and Gya on the 21st. The depression was very slight on that day and filled up before the morning of the 22nd. The largest amounts of rain during the storm fell in Behar. The following gives the chief data of the storm :—

Date.	Place where lowest barometer in storm area on given day.	Lowest barometer observed in storm area on day.	Variation from normal.
		"	"
June 19th . . .	Saugor Island	29·560	—·050
„ 20th . . .	Burdwan	·531	—·081
„ 21st . . .	Patna	·573	—·011

Cyclonic storm of June 6th to 12th in the Arabian Sea.—The first large advance of monsoon winds in the Arabian Sea took place in the first week of June. They set in feebly on the Malabar coast on the 3rd, and extended on the 4th to Karwar and on the 5th to Bombay. Very unsettled weather prevailed in the Arabian Sea at this time, and a

cyclonic storm was generated apparently in the front of the advancing current. The information respecting this storm is somewhat meagre, and has not yet been fully discussed.

The storm formed on the 6th and 7th between lat. 17° and 18° N. and long. 68° and 70° E. At noon of the 7th the centre was in lat. 17° 30′ N. and long. 68° 50′ E. or about 350 miles to the west-south-west of Bombay. The P. & O. Steamer *Assam* left Bombay at 5 P.M. of this day and encountered the storm on the 8th as the centre crossed her track. Her lowest barometric reading was 29·1″ at midnight of the 8th. She experienced a terrific gale for some hours. The position of the storm at noon of the 8th was in about lat. 17° 50′ N. and long. 68° 10′ E., so that it was moving to the west-north-west, the normal direction of storms in that part of the Arabian Sea. The storm centre advanced about 200 miles during the next 24 hours, and was in lat. 18° 20′ N. and long. 65° E. at noon of the 9th. The *Clan Foster*, in lat. 17° N. and long. 65° E., had a terrific S.S.W. gale, and the *Lorna Doone* in lat. 19° 48′ N. and long. 64° 33′ E. a hurricane from N.E. During the next 24 hours the storm moved more quickly. The centre at noon of the 10th was in lat. 19° N. and long. 61° 10′ E. The *Assam* in lat. 17° 25′ N. and long. 63° 33′ E. at that hour had a southerly gale, the *Rothesay* in lat. 14° 39′ N. and long. 58° 13′ E. a heavy S.S.W. gale, the *Darien* in lat. 17° 36′ N. and long. 62° 40′ E. a S.W. hurricane, the *Nizam* in lat. 16° 6′ N. and long. 59° 19′ E. a strong S.W. gale with furious squalls and heavy rain, and the *Albany* in lat. 19° 49′ N. and long. 60° 35′ E. a northerly gale. The centre passed over the *Albany* at noon of the 11th in lat. 19° 4′ N. and long. 60° 25′ E. Her barometer stood at 28·75″. For about 15 minutes a dead calm prevailed, after which the wind which had previously been from north came down with hurricane force from the south.

No information respecting the motion of the storm after it passed over the *Albany* has been as yet received in the Central Office.

July.—The mean pressure for the whole of India was very approximately normal, differing from it only by ·002″ and was in defect. The following table gives the positive and negative baric anomalies in different parts of India freed from the general variation :—

Positive variations.	″	Negative variations.	″
N.-W. Himalayas	+·001	Eastern Rajputana	—·003
Sikkim Himalayas	+·002	Bengal	—·015
Punjab	+·003	Assam	—·017
N.-W. Provinces	+·0 3	Orissa	—·014
West Rajputana	+·002	Central Provinces	—·008
Chutia Nagpur	+·002	Burma	—·024
Konkan	+·022		
Malabar	+·032		
Deccan	+·001		
Carnatic	+·005		
Ceylon	+·012		
Bay Islands	+·003		

The preceding table indicates that the broad features of the pressure anomalies of the month of July were similar to those of the pre-monsoon months. The pressure anomalies for this month were, as in March and May, positive in Southern India, the Bombay Deccan and Bombay coast districts south of Surat, and were largest in the Konkan and

Bombay Deccan. The following gives the more prominent positive anomalies in that area of relatively excessive pressure:—

	″		″
Bombay	+·019	Calicut	+·026
Poona	+·018	Trichinopoly	+·025
Ratnagiri	+·036	Cochin	+·019
Karwar	+·023	Colombo	+·018
Bellary	+·015	Galle	+·026
Mangalore	+·038		

Pressure was also slightly in excess over the North-West Provinces, East Rajputana, North Behar. The excess was small, in no case exceeding ·02″, except locally at Delhi, where the amount was ·04″. Pressure was relatively in defect over the remainder of India, but the deficiency was small, except in three areas, as shown below:—

1st.—Burma, Assam and East Bengal—

	″
Diamond Island	—·022
Akyab	—·037
Chittagong	—·030
Dacca	—·018
Calcutta	—·018
Silchar	—·028

2nd.—Sind (Upper)—

Jacobabad	—·014

3rd.—Central Provinces and Berars—

Raipur	—·019
Chikalda	—·019
Sironcha	—·031

The following table gives the chief changes of the differences of pressure between Upper and Southern India in July and shows the larger fluctuations:—

Date.	10 A.M., Highest pressure in Ceylon or Southern India.	10 A.M., Lowest pressures in Upper India.	Barometric between Ceylon and Upper India.
	″	″	″
2nd July	29·99	29·35	·64
4th ,,	29·94	29·54	·40
6th ,,	29·89	29·37	·52
8th ,,	29·99	29·52	·47
10th ,,	29·98	29·20	·78
14th ,,	29·99	29·48	·51
20th ,,	29·89	29·34	·55
21st ,,	29·92	29·51	·41
24th ,,	29·92	29·34	·58
27th ,,	29·93	29·52	·41
29th ,,	29·96	29·38	·58
31st ,,	29·96	29·49	·47

A large number of depressions originated at the head of the Bay during the month of July, of which four were of considerable importance. Two formed in the north of the Bay and advanced across the Orissa Coast into the interior, and two in South Bengal and drifted westwards until they merged into the area of permanent low pressure in Western India.

Depression of July 1st to the 11th.—This depression probably formed on the 30th of June or 1st July off the Aracan coast, where a heavy burst of rain had given low barometer and (so far as can be determined by the wind directions at Akyab E.S.E. and Diamond Island W.N.W.) cyclonic air circulation over the adjacent portion of the Bay. The observations of the next three days at the coast stations gave general and feeble indications of the continued existence and westward movement of the depression. Only one vessel, the S.S. *Narenta*, furnishes meteorological information of the north of the Bay at this time. According to her log the weather was squally with much rain and lightning, and winds were light and variable near the Orissa coast. On the 5th of July the observations at Saugor Island, Calcutta, False Point, Gopalpur, &c., shewed that the depression was in the north-west angle of the Bay, the centre being nearly midway between Saugor Island and False Point. The depression was in the same position on the morning of the 6th, and had not developed to any extent during the previous day. The S.S. *Nowshera* passing round the Alguada on the 6th reported heavy rain and very squally weather in that part of the Bay. The depression was transferred to the eastern districts of the North-Western Provinces on the morning of the 7th, the centre being between Sutna and Benares at 10 A.M. It covered nearly the same area on the 8th as on the 7th, but the centre of the circulation was some distance to the north of Allahabad. On the 9th the depression was of smaller extent and covered the Bareilly district. An excessive local fall of 11 inches at Mussooree registered on this day appears to have been due to the general disturbance accompanying the storm. The depression was almost unchanged in position on the 10th, on which day heavy rain fell in the western districts of the North-West Provinces. It disappeared during the next 24 hours in Rohilkhand.

Date.	Place where lowest barometer in storm area was observed on given days.	Lowest barometer observed in storm area on day.	Variation from normal.
		"	"
July 1st	Akyab	29·669	—·061
„ 3rd	S. S. *Narenta* at Lat. 18 N., Long. 85 E.	·63	— ·01
„ 4th	S. S. *Narenta* at Lat. 20° 42′ N., Long. 87° 37′ E.	·62	— ·01
„ 5th	False Point	·586	—·038
„ 6th	„	·532	—·092
„ 7th	Allahabad	·536	—·025
„ 8th	„	·537	—·024
„ 9th	Bareilly	·498	—·058
„ 10th	„	·440	—·115

Land-formed depression of July 10th to 13th.—There was a tendency to the formation of an area of cyclonic circulation in South Bengal on the 8th and 9th. During this time local rain increasing in amount fell in that area. On the 10th the cyclonic winds had increased considerably in force, and very heavy rain was falling. A shallow but clearly marked depression was now established in Bengal, the centre of which was between Calcutta and Burdwan. It advanced to the west-north-west, drifting apparently with the monsoon current up the Gangetic Plain, and lay over the districts to the south of Benares and Allahabad on the 11th. Very heavy rain had fallen during the previous day over a narrow belt of country stretching from Roorkee to Nagpur, which was in part at least due to the previous cyclonic storm now breaking up in Upper India.

On the 12th the depression was transferred to Bundelkhand, the centre being a little to the north of Nowgong at 10 A.M. It advanced more rapidly during the remainder of the day, filling up slowly. The centre was apparently midway between Jhansi, Agra, and Jeypore on the morning of the 13th, but the cyclonic circulation was less regular than hitherto. The depression disappeared during the 24 hours in Central Rajputana, merging into the area of permanent low pressure which covers Sind and West Rajputana at this period of the year. The following gives data of this storm:—

Date.	Lowest barometer observed in *storm* area on days.	Place where lowest barometer was observed on given date.	Variation from normal.
	"		"
10th . .	29·360	Burdwan	—·241
11th . .	·316	Benares	—·254
12th . .	·343	Nowgong	—·240
13th . .	·417	Agra	—·145

Land-formed depression of July 12th to 16th.—This also formed in South Bengal under similar circumstances to the preceding. There were no indications of its existence shown by the wind directions in Bengal on the morning of the 11th. A shallow depression lay over South Bengal on the morning of the 12th, the centre of which was between Dacca and Jessore. Moderately heavy rain fell during the day, and the depression hence increased. The barometer was now rising quickly in Northern India consequent on the filling up of the previous depression, and the relatively high pressure over Upper India appears to have been the chief condition which determined the motion of this storm along a line much further south than that of the previous storm. On the 13th the centre of the depression had advanced to the south of west into South-West Bengal, the centre being between Calcutta and Saugor Island. It continued to advance in the same direction and passed through Chutia Nagpur and the districts of Sambalpur and Raipur on the morning of the 14th. It lay over the central districts of the Central Provinces on the 15th, on which day it gave an unusually heavy burst of rain to the western, central, and southern districts of that area. The centre was a little to the west of Seoni, nearly midway between that station and Hoshangabad, and was crossing the Mahadev Hills. During the next 24 hours it curved slightly to the north, and filled up rapidly, and apparently merged into the low pressure area in Sind next morning, when

there was slight residual cyclonic circulation in that area and Western Rajputana. The following give the more important data of this storm :—

Date.	Lowest barometer observed in storm area on days.	Place where lowest barometer was observed in storm area on given date.	Variation from normal.
	"		"
12th . .	29·442	Dacca	—·192
13th . .	·354	Saugor Island	—·243
14th . .	·414	Raipur	—·199
15th . .	·431	Hoshangabad	—·220
16th . .	·421	Hyderabad	—·131

Depression and Cyclonic Storm of July 17th to 28th.—This storm apparently began to form on the 17th, but although there was slight depression on the North-West of the Bay on that day the conditions were unfavourable for its development. It remained almost unchanged in position and character for some days, during which the cyclonic circulation was never regularly established. The P. and O. steamer *Coromandel*, proceeding northwards at this time to Calcutta, reported that she passed through frequent heavy squalls of thick blinding rain, lasting for a half to three quarters of an hour, but that between the squalls the winds were moderate and variable. The *Arabia* passing through this area on the 21st had rain squalls with a high westerly sea, and the *Nowshera* on the 22nd experienced heavy south-west squalls. The depression began to concentrate to some extent in the afternoon of the 23rd. It covered the same area in the north-west angle of the Bay on the morning of the 24th as on the 23rd, but the depression at the centre, which was about 50 miles to the south-west of Saugor Island, now exceeded a third of an inch. It advanced westwards across the Orissa coast into the Central Provinces and was to the north-east of Raipur on the morning of the 25th. It curved slightly to the north and passed on the morning of the 26th between Sutna and Jubbulpore. It continued to advance in the same general direction on the 27th, when it passed to the west of Nowgong and Jhansi. It was, however, rapidly filling up at this time and it disappeared before the morning of the 28th as a distinct cyclonic circulation.

The following statement gives data of the storm :—

Date.	Lowest barometer observed in storm area on days.	Place where lowest barometer was observed in storm area on given date.	Variation from normal.
	"		"
July 18th	29·686	False Point	+·062
„ 19th	·556	False Point	—·068
„ 20th	·537	False Point	—·087
„ 21st	·559	False Point	—·065
„ 22nd	·578	False Point	—·046
„ 23rd	·543	Saugor Island	—·054
„ 24th	·390	Saugor Island	—·207
„ 25th	·431	Raipur	—·182
„ 25th	·433	Sambalpur	—·138
„ 26th	·467	Sutna	—·107
„ 27th	·543	Jhansi	—·019

August.—The mean pressure of the month for the whole of India was +·011″ in excess. The following gives the district variations freed from the general variation:—

Positive variations.		Negative variations.	
	″		″
Sikkim Himalayas	+·006	Punjab	—·001
N.-W. Provinces	+·008	Rajputana	—·003
Chutia Nagpur	+·013	Central Provinces	—·001
Bengal	+·020	Malabar	—·010
Assam	+·017	Deccan	—·015
Orissa	+·012	Carnatic	—·008
Konkan	+·002		
Burma	+·002		
Bay Islands	+·004		

The variations were, as is usual in the rains, generally small. They were under the influence of the rains, gradually changing in character. The only large and important negative variation was that of the Deccan. This was perhaps the first indication of the early determination of what is usually called the north-east monsoon to the west coast of the Bay and Southern India. Positive variations were largish in North-Eastern India, including Bengal, Assam, Orissa, and Chutia Nagpur. The largest positive local variations were as follows:—

	″
Purneah	+·038
Saugor Island	+·026

These figures show the chief and more important peculiarities of the pressure distribution of the month.

The following table gives the chief fluctuations of the pressure differences between Northern and Southern India during the month:—

Date.	10 A.M., Highest pressure in India.	Seat of highest pressure.	10 A.M., Lowest pressure in India.	Seat of lowest pressure.	Range of pressure in India.
	″		″		″
1st	29·96	Ceylon	29·43	Sind and Punjab	·53
3rd	29·94	Do.	29·54	Do.	·40
8th	29·98	Do.	29·41	Punjab	·57
13th	29·92	Do.	29·61	Do.	·31
21st	29·91	Do.	29·47	Do.	·44
26th	29·93	Do.	29·59	Do.	·34

The month of August was very free from large depressions. The following gives a brief account of the more important small depressions of the month:—

Land-formed depression of August 1st to 3rd.—This originated in South Bengal, in the same area where the two land-formed depressions of the preceding month had been generated. The centre of the depression was about 20 miles to the north-east of Calcutta at 10 A.M. of the 1st. A moderate monsoon was blowing at the head of the Bay at the time (average force of winds 4) and weather was squally. The centre advanced rapidly during

the next 24 hours in a west-north-westerly direction to the neighbourhood of Benares Heavy rain had fallen during the previous day over a narrowish belt of country stretching from Roorkee to Nagpur, and moderately heavy rain in Behar and Bengal. The depression partially filled up on the evening of the 2nd, but there was cyclonic circulation about a centre between Lucknow and Allahabad on the 3rd. There was much irregular cyclonic circulation in the western districts of the North-Western Provinces on the 4th and 5th, but no clearly defined centre. Hence the storm dates from the 1st to the evening of the 3rd.

Depression of August 16th to 20th.—This was throughout a feeble depression. It formed in the Bay off the coast of the Circars on the afternoon of the 16th. It moved very slowly to the west-north-west and crossed the Ganjam coast on the morning of the 19th and gave heavy rain to the coast stations of Ganjam and the Circars. It advanced in a north-west direction into the Raipur district on the morning of the 20th, and filled up during the evening of that day.

Depression of August 21st to 26th.—This storm formed in the north-west angle of the Bay on the evening of the 20th. The S. S. *City of Calcutta* had a fresh breeze (force 5) and squally weather at the Sandheads at that time, and heavy rain squalls, with variable winds, on the morning of the 21st. The centre of the feeble depression which had formed in this area of squalls and heavy rain at the head of the Bay was midway between Saugor Island and False Point at 10 A.M. of the 21st. It crossed the coast near Balasore early on the morning of the 22nd. The I. M. S. *Clive* had south-west winds with heavy rain squalls at the head of the Bay during the day as she approached the entrance to the river. The centre advanced north-north-west through the Midnapore district on the morning of the 22nd, and then gradually recurved to west-north west during the remainder of the day. It was to the south of Benares at 10 A.M. of the 23rd and a few miles to the west of Sutna at 10 A.M. of the 24th. Heavy rain had fallen in the Central Provinces during the previous day. The centre continued to advance slowly. It was near Jhansi on the 25th and to the south-west of Agra on the morning of the 26th. It was then filling up rapidly and merged into the area of low pressure in Upper India during the day.

The following give the more important data respecting the storm :—

Date.	Place where lowest barometer was registered in storm area on given date.	Lowest barometer observed in storm area on days.	Variation from normal.
		"	"
August 21st . . .	False Point	29·566	—·110
„ 22nd . . .	Saugor Island	·577	—·081
„ 23rd . . .	Benares	·573	—·068
„ 24th . . .	Sutna	·552	—·094
„ 25th . .	Jhansi	·601	—·031
„ 26th . . .	Agra	·628	—·006

September.—The mean pressure of the whole of India agreed almost exactly with the normal mean, the difference being only ·001". The general character of the provincial or district variations was unchanged. Pressure was relatively in excess over the whole of

Western India with the exception of Sind. The excess was greatest in amount in North Bombay, or over the area defined by the following stations:—

	″		″
Surat	·034	Ratnagiri	·026
Bombay	·025	Poona	·020

Pressure was in relative defect over the eastern half of India and in Burma, the defect reaching its maximum in Aracan, East Bengal, and Assam, where it varied from ·02″ to ·03″.

The following table gives the district variations freed from the general variation:—

Negative Variations.		Positive Variations.	
	″		″
N.-W. Himalaya	—·007	Punjab	+·002
Sikkim Himalaya	—·014	West Rajputana	+·010
N.-W. Provinces	—·001	East Rajputana	+·013
Bengal	—·019	Orissa	+·002
Assam	—·031	Central Provinces	+·006
Carnatic	—·003	Konkan	+·025
Ceylon	—·002	Malabar	+·018
Pegu	—·022	Deccan	+·005
		Bay Islands	+·003

The following gives the periods and amplitudes of the larger oscillations of the baric differences between the north and south of India during the month of September:—

Date.	10 A.M., Highest pressure in India.	Seat of highest pressure.	10 A.M., Lowest pressure in India.	Seat of lowest pressure.	Range of pressure over India.
	″		″		″
1st Sept.	29·95	Ceylon	29·58	North Punjab	·37
8th „	·95	Do.	·76	North Sind	·19
12th „	·93	Do.	·52	Central Provinces	·41
			·60	North Sind	
17th „	·97	Do.	·71	North Sind	·26
19th „	30·00	Do.	·58	North Punjab	·42
30th „	·08	Cochin	·75	Do.	·33

The preceding table shows the larger fluctuations of pressure during the month. Pressure was low during the first four or five days of the month in the Punjab, but increased rapidly during a break in the rains from the 4th to the 8th. It then decreased rather rapidly until the 12th in the Northern and Central India. This was followed by general moderate rainfall for some days until the 19th, when heavy rain fell in the submontane tracts of the Punjab. After this fine dry weather set in over Upper India, and the barometer rose rather rapidly for two or three days. From the 22nd to the end of the month the baric difference over India oscillated slightly from day to day, and was a third of an inch at the end of the month.

Depression of September 9th to 14th.—Pressure was very uniform over the north and centre of the Bay on the 8th. A moderately strong monsoon was blowing in the south of the Bay, and weather was squally and unsettled over the whole of the Bay. The barometer fell rapidly on the 9th, and a depression formed at the head of the Bay, the centre of which was in about latitude 21° N. and longitude 89¼° E. at 10 A.M. of the 10th. The centre moved westwards and was a little to the north-east of False Point on the morning of the 11th. It continued to march westwards and was in the borders of the Raipur and Sambalpur districts on the morning of the 12th. General and moderately heavy rain began to fall in the Central Provinces, and the centre moved more slowly westwards than hitherto. It was to the east of Seoni on the morning of the 13th and nearly midway between Seoni and Hoshangabad on the morning of the 14th, and hence approaching the Mahadev hills. It filled up almost entirely on the afternoon of that day, but there was slight residual cyclonic circulation in the Central Provinces for at least 24 hours afterwards. A very small depression formed at the head of the Bay on the evening of the 14th, crossed the North Orissa coast on the morning of the 15th, and advanced, after giving heavy rain to Orissa and South-West Bengal, rapidly westwards. This depression apparently united with the previous residual motion, and a small but distinctly marked depression lay over Bundelkhand on the 16th. Heavy rain fell in Bundelkhand and the neighbouring districts during the day, and the depression filled up before morning of the 17th.

The following statement gives data of the storm :—

Date.	Place in storm area where the lowest barometer was registered on day.	Lowest barometer observed in storm area *on* given date.	Variation from normal.
		"	"
9	Saugor Island	29·726	—·031
10	Do.	·576	—·181
11	False Point	·515	—·247
12	Raipur	·525	—·226
13	Seoni	·625	—·148
	Raipur	·614	—·137
14	Seoni	·596	—·177
14	Hoshangabad	·610	—·192
15	Saugor Island	·570	—·187
16	Sutna	·638	—·112

Cyclonic Storm of September 21st to 26th.—This storm, which was throughout of small extent, began to form at the head of the Bay on the 20th. A moderately strong monsoon (force 3 to 5) was blowing over the greater part of the Bay on the 21st and 22nd. The storm developed rapidly on the 22nd and morning of the 23rd. The following extract from the log of the F. L. V. *Canopus* stationed at the Sandheads gives an interesting account of the weather then prevailing. She had north-east winds of force 5 during the morning of the 23rd with barometer (corrected) standing at 29·65″. The weather became very threatening on the afternoon, and at 6 P.M. very heavy squalls passed over the vessel. At 8 P.M. there were violent heavy rain squalls, and at 10 P.M. the wind had increased to force 9 to 10, and was blowing a very heavy gale, with almost continuous heavy rain squalls.

At midnight the rain squalls were most terrific, and the wind blew with cyclonic force (force 9 to 11). The barometer was lowest at 11 P.M., and stood at 29·43″. The wind veered round from N. to S.-W. at 1 A.M. of the 24th, after a lull of a few minutes, and blew with most terrific force, accompanied with blinding heavy rain. The sea became a seething mass of foam. The weather began to moderate slowly at 6 A.M., and after noon cleared up rapidly, and the sea went down with almost marvellous quickness. The storm advanced northwards across the Sunderbunds on the morning of the 24th, and passed to the east of Jessore at 10 A.M. It continued to move northwards, and was to the west of Serajganj on the 25th. It passed into Northern Bengal, filling up slowly, and disappeared before the morning of the 27th. The following gives data of the storm :—

Date.	Place where lowest barometer in storm area was observed.	Lowest barometer observed in storm area.	Variation from normal.
		″	″
September 21st	Saugor Island	29·696	—·061
„ 22nd	Do.	·709	—·048
„ 23rd	Do.	·698	—·059
„ 23rd	F. L. V. *Canopus* . . .	·43	—·33
„ 24th	Jessore	·709	—·068
„ 25th	Serajgunj	·716	—·097
„ 26th	Rungpore	·801	—·057

October presents a complete change of the abnormal variations of pressure. It was in excess over the whole of India by amounts which averaged ·017″, which hence gives the general variation.

Pressure was relatively in defect over the more western and the southern districts of India, the defect reaching its maximum in that portion of the Deccan and west coast represented by the following stations :—

	″		″
Sholapur	·017	Karwar	·019
Belgaum	·023	Calicut	·023
Kurnool	·026	Cochin	·023

It was in excess over the whole of North-Eastern and Central India. The relative excess was large in South-West Bengal, Orissa, Behar, Chutia Nagpur, and the southern half of the North-West Provinces, over which it ranged from ·02″ to ·04″. The largest variations were those of Saugor Island ·05″, Agra and Ghazipur ·04″.

The following give the district variations :—

Negative anomalies.	″	Positive anomalies.	″
Punjab	—·005	North-Western Provinces .	+·010
West Rajputana . . .	—·006	East Rajputana . .	+·007
Konkan	—·011	Chutia Nagpur . .	+·016
Malabar	—·016	Bengal	+·017
Carnatic	—·008	Assam	+·004
Ceylon	—·019	Orissa	+·026
		Central Provinces . .	+·003
		Arakan	+·003
		Bay Islands . . .	+·002

Cyclonic Storm of October 8th to 14th.—The log of ships in the Bay show that weather began to be unsettled in the south of the Bay on the 6th. The S. S. *City of Edinburgh* in latitude 9° 35′ N. and longitude 83° 24′ E., on the 5th, had variable winds during the day, force 3 to 6, with very squally weather and heavy rain from various directions. The S. S. *Governor* further north in latitude 13° 42′ N. and longitude 84° 35′ E., had cloudy weather and variable winds during the day, and heavy rain between 4 and 7 P.M. The S. S. *City of Edinburgh* had very squally and threatening weather, and very heavy rain on the 6th. She was in latitude 13° 52′ N. and longitude 85° 16′ E. at noon, and advancing north-north-east at a rate of about 11 miles per hour. The S. S. *Governor* had a high confused sea during the same day, and heavy rain from 6 A.M. to noon. The information of the weather of the 7th is similar in character, and shows that there was a slight depression in the Bay over which the air was moving cyclonically, but gives no important additional information. The *Rohilla* on the 8th in latitude 10° 14′ N. and longitude 81° 43′ E. at noon had hard squalls and constant rain, with west-north-west winds during the day, force 5 to 7. The S. S. *Saint Fillans* in latitude 12° 23′ N., longitude 85° 28′ E., had easterly winds of force 5 and 6, and squalls and heavy rain. The depression which was now well marked was of moderate extent at noon of the 8th, and the centre was in about latitude 11½° N. and longitude 83½° E. The centre passed a little to the north of the *Rohilla* and *Chhindwara* early on the morning of the 9th. The barometer in either case fell barely a quarter of an inch, and the strongest winds reported were of force 8. The *Chhindwara* had a fresh gale, with violent squalls and continuous rain in the morning. The centre crossed the Coromandel coast a little to the south of Madras probably about 8 A.M., and advanced rapidly during the day in a west-north-west course across the peninsula. On the morning of the 10th it was in the immediate neighbourhood of the Western Ghâts to the south of Belgaum. The path of the centre for some time afterwards is a little doubtful. The logs of ships coasting along the Malabar and Konkan coasts show that the storm did not pass out to the Arabian Sea. They had on the 10th throughout northerly winds, which shifted round in the afternoon and evening in a manner which might be due to the northerly advance of the storm either over the coast districts of Konkan, or over the districts lying at the eastern base of the West Ghâts. It is probable that the storm centre did not cross the Western Ghâts, as it would in that case have almost certainly continued to advance in a westerly direction into the Arabian Sea, and this is to some extent confirmed by the land observations. The centre was either stationary for some hours, or marched very slowly during the day to the north-west, and at 10 A.M. of the 11th was quite near and to the south of Belgaum. It was nearly midway between Poona and Belgaum on the morning of the 12th. Rain had fallen during the previous 24 hours chiefly to the north and north-west of the storm area in the Berars and Central Provinces and Khandesh. The centre, which had almost certainly moved parallel, and to the east of Western Ghâts, now began to recurve to the east, and at 10 A.M. of the 13th was in Khandesh in about latitude 19° N. and longitude 75¼° E. Rain was now falling over the eastern districts of the North-West Provinces, as well as in the Central Provinces. During the next 24 hours the centre marched rapidly across the Berars and Central Provinces, and was to the south of Allahabad and Benares on the morning of the 14th in latitude 24½° N. and longitude 82½° E. The depression filled up during the next 24 hours, and at 10 A.M. of the 15th there was slight residual cyclonic circulation

in North Behar and the adjacent districts of the North-West Provinces. The following are the chief data of the storm :—

Date.	Place where lowest barometer was observed in storm area on given date.	Lowest barometer observed in storm area on day.	Variation from normal.
		"	"
October 8th . . .	*Rohilla* at Lat. 10° 14′ N., Long. 81° 43′ E.	29·81	?
„ 9th . . .	*Rohilla* at Lat. 12° 5′ N., Long. 80° 26′ E.	·70	—·110
„ „ . . .	Madras	·718	—·197
„ 10th . . .	Belgaum	·745	—·183
„ „ . . .	Karwar	·717	—·216
„ 11th . . .	Belgaum	·711	—·217
„ „ . . .	Karwar	·706	—·227
„ 12th . . .	Ratnagiri	·697	—·217
„ 13th . . .	Akola	·791	—·148
„ „ . . .	Poona	·793	—·154
„ 14th . . .	Benares	·817	—·109
„ „ . . .	Allahabad	·818	—·110

Depression of October 28th to November 4th.—Weather was squally in the south of the Bay on the 26th and 27th, and much rain was falling. On the 28th the weather became worse, and a depression began to form. The *Quetta*, passing round the south coast of Ceylon, had squally weather and torrents of rain, and the ship *Mira* in latitude 14° 14′ N. and longitude 84° 58′ E. had heavy squalls of wind and rain. On the 29th a slight but distinctly marked depression had formed between Ceylon and the Coromandel Coast. It remained in the same position, giving squally weather, alternating with fine clear weather and light winds until the 4th November, when it rapidly filled up. The following gives a few extracts from the logs of ships passing through this area of squally weather :—

30th October.—*Quetta.*—Lat. 12° 24′ N., long. 80° 42′ E. Winds variable; squally weather. Wind then came off land, and water became unusually smooth.

31st October.—*Quetta.*—At Madras, N.-W., squally with rain, afterwards finer.

1st November.—*Peshwa.*—Lat. 10° 8′ N., long. 80° 46′ E. Winds 4 to 5, occasional fresh squalls; weather threatening.

3rd November.—*Quetta.*—Lat. 15° 15′ N., long. 82° 34′ E. Squally, with much rain.

4th November.—*Quetta.*—Lat. 18° 47′ N., long. 85° 47′ E. Squally, with rain. Sea smooth.

The depression was hence one which did not concentrate. There was diffused disturbance over a large area in the south and centre of the Bay, which gave frequent squalls and heavy rain, but it did not advance beyond this preliminary stage.

November.—The variations of this month were generally similar in their main features to those of the previous month. The mean variation for the whole of India was ·02″, slightly larger than that of the preceding month.

The following gives the district variations :—

Negative variations.	″	Positive variations.	″
Sikkim	—·018	N.-W. Himalaya	+·008
Punjab	0	N.-W. Provinces	+·012
West Rajputana	—·004	East Rajputana	+·011
Assam	—·001	Chutia Nagpur	+·009
Central Provinces	—·003	Bengal	+·001
Konkan	—·003	Orissa	+·007
Malabar	0	Bay Islands	+·004
Deccan	—·005		
Carnatic	—·008		
Ceylon	—·003		
Pegu	—·004		

The district variations were hence generally smaller than those of the preceding month. Pressure was in slight defect over Western and Southern India and Burma, and in slight excess over North and North-East India. The only area in which the local variations exceeded ·04″ was that defined by

	″		″
Agra	+·044	Sutna	+·044
Nowgong	+·041		

The month of November was singularly free from disturbance in the Bay. Occasional squalls occurred, and there was a slight tendency to the formation of a depression on the 18th in the centre of the Bay, but it passed away very quickly.

December.—The abnormal features indicate the same general pressure relations between the north and south of India as obtained during the preceding month, and were probably influential in determining the character of the cold weather storms of the next two months. The mean pressure of the whole of India varied very slightly from the normal, being in excess by ·002″.

Pressure was in defect over the greater part of the peninsula, and in Sind and Rajputana. The area of relative low pressure in North-Western India which began to be established in the preceding month was hence extending eastwards across South Rajputana and Central India. This advance became more marked in the following month.

The deficiency of pressure was greatest in the Malabar coast and in Ceylon. The largest negative variations were—

	″		″
Karwar	—·019	Cochin	—·027
Calicut	—·033	Colombo	—·024

	″		″
Murree	+·010	Bareilly	+·008
Ranikhet	+·001	Purneah	+·021
Lahore	+·011		

Pressure was relative to the general condition in excess over the Himalayan area and adjacent submontane districts from Murree to Sikkim. The following gives the largest positive variations :—

The following gives the district variations freed from the general variation :—

Negative.	"	Positive.	"
West Rajputana	—·005	N.-W. Himalaya	+·005
Assam	—·001	Sikkim	+·004
Konkan	—·006	Punjab	+·008
Malabar	—·021	N.-W. Provinces	+·012
Carnatic	—·011	East Rajputana	+·004
Ceylon	—·026	Chutia Nagpur	+·014
Pegu	—·006	Bengal	+·006
Bay Islands	—·015	Orissa	+·011
		Central Provinces	+·004

The month of December was, like its predecessor, free from storms in the Bay. There was a slight diffused disturbance and feeble depression off the Kathiawar coast on the 26th and 27th December, but it passed away. No information has been received from any ships as to the character of this disturbance at sea.

Taking the mean anomaly of all the Indian, Ceylon, and Burmese stations given in Table XVA for each month of the year, we have the following results :—

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Number of stations	117	115	119	117	116	117	117	118	114	115	117	108	...
Pressure anomalies	—·072	+·003	—·036	+·010	—·022	+·002	—·002	+·011	—·001	+·018	+·020	+·002	—·006

The preceding discussion has shown that there were many strongly marked features in the distribution of pressure in India in 1887. It will be sufficient to enumerate the more important of these only and to defer the discussion of the relation between these features and the air motion and rainfall of the year to the concluding chapter.

The cold weather months of 1886-87 were unusually free from disturbances or depressions in Northern India. Two occurred in January, the second of which gave heavy snow in the Himalayan districts during the last week of the month, and initiated and preceded a period of strongly marked anticyclonic conditions in Upper India. After the 16th February temperature began to increase rapidly, and the hot weather commenced in Central India. The effect of steadily increasing temperature, with settled conditions, was very large in Upper India. The barometer fell steadily for a fortnight, from the 16th February until the 1st of March through ·64 inch in the Punjab. From that date until the commencement of the rains in the latter part of May very dry hot weather prevailed, with occasional interruptions, during which thunder-storms, nor'-westers and dust-storms occurred locally over a large part of Northern India. Some of these hot weather storms were more severe than usual in Bengal.

The conditions during this period were hence those of the hot weather in a slightly exaggerated form, with, so far as can be judged from the distribution of rainfall during the period, a smaller amount of occasional disturbance than is usual during the hot weather, although, as has been already pointed out, some of the storms accompanying the several disturbances were exceptionally severe.

An important feature of this period was the bi-monthly oscillations superimposed on the normal fall of the barometer. These are indicated by the following statement:—

	Abnormal variation.	Amplitude of oscillation.
January	−·072″	·075″
February	+·003	
March	−·036″	·046″
April	+·010″	
May	−·022″	·024″
June	+·002″	

These clearly defined oscillations accompanied more normal conditions than usually obtain, *viz.*, less disturbance and more regular increase of temperature.

Previous to the hot weather, pressure was in defect over Northern India relative to the general state, and in excess in the peninsula and North-Western India. The contrast became more marked in March with the continuance of hot weather conditions. Very heavy rain fell during a series of storms in Bengal, Assam, Behar, the North-West Provinces, the Central Provinces, and the Punjab in the last week of the month. The effect of heavy rainfall in smoothing down the previous large pressure anomalies and of modifying and reversing the pressure relations was very strikingly shown by the mean pressure data of April. The anomalies of that month were inverse in character but smaller in amount than those of the preceding three months. The rainfall was not sufficiently prolonged to produce a permanent alteration, and hence the pressure anomalies of May are similar to those of March, only slightly more marked. The chief peculiarities or abnormal features of the distribution of pressure at the commencement of the rains were—

(*a*) Deficient pressure in North and North-East India, which increased north-westwards from the north-west coast of the Bay to the eastern districts of the Central Provinces and the Punjab.

(*b*) Excessive pressure over the Deccan, Berars, Bombay, West Rajputana and Sind. It was greatest in the Bombay coast districts and the Deccan from Malegaon to Bellary.

The first large advance of humid winds up the Bay of Bengal and Arabian Sea was accompanied in each case by the formation of a cyclonic storm. The storm in the Bay was of unusual intensity and severity. It was formed to the north of the Andamans, and marched to the north-west across the Orissa coast, and finally broke up on the 29th May in North Behar. In the following week a cyclonic storm formed in the Arabian Sea off the Bombay coast, which marched to the west-north-west and was of larger extent and almost as severe and intense as the preceding storm in the Bay. A smaller number of depressions formed at the head of the Bay during the rains than usual, and a larger proportion passed northwards into Bengal. With the exception of one storm of September, these small storms of the rainy season proper appear to have been very feeble at sea and the winds to have exceeded force 8 at the head of the Bay.

The rains gradually modified to some extent the pressure relations. High pressure continued in the West Deccan and Bombay coast districts during the months of June, July, August and September, but the area of high pressure contracted westwards. During the same months low pressure continued to characterise the whole of Central and a large part of Northern India, including Rajputana, Central India, the Central Provinces and Sind. A low pressure area covered the north-east districts of Madras (*i.e.* the Circars and Nellore district) in May and June. It intensified slightly in July, August, and September, and was very marked in October.

The diversion of the south-west monsoon current to the peninsula in October produced a very large modification of the pressure anomalies. The low pressure in Hyderabad and the Circars appears to have been instrumental in producing an unusually strong and steady determination of the current to the peninsula. After the north-east monsoon set in, it continued throughout the next two months to give unusually favourable rain to the Carnatic and Deccan. The rainfall was non-cyclonic in character, that is, fell in frequent diffused showers due to local actions and not to general cyclonic disturbances, and continued until quite the end of December, or upwards of a fortnight later than usual. The effect of this was to extend the low pressure area over the whole of the peninsula south of the Central Provinces in October. Pressure in November was relatively low in East Bengal, Burma, the peninsula and Sind and Guzerat, and was high in North and Central India. The abnormal variations of the month of December were very similar to those of November, the only important change being the extension of the area of deficient pressure in North-Western India from Sind eastwards across Rajputana and Central India.

The most remarkable feature of the transition months, October to December, or the period of the north-east monsoon rains, was the conspicuous absence of storms in the Bay of Bengal. Only one formed during the whole of this period, early in October, or at the commencement of the north-east monsoon. It was in many respects similar to the storm of October 1886, but was unable to cross the Western Ghâts and pursued a very unusual course for three days after it reached the eastern foot of the Western Ghâts, as it recurved and passed through the Central Provinces into the North-West Provinces. The strongest winds reported by ships within the storm area at sea were of forces 7 and 8.

There was on more than one occasion in November and December an area of low pressure shown for some days to the east of the Coromandel Coast, with winds of cyclonic indraught and a humid current of large volume feeding into it. Notwithstanding these favourable conditions, after a few days of diffused rain and squally weather, the depression filled up. These abortive attempts at cyclonic formation are extremely interesting, as they serve to discriminate between what are, or may be, favourable conditions, and what are the essential and necessary conditions of their formation.

For the sake of reference the storms of the year (detailed in Plate V) are briefly enumerated below:—

No.	Year.	Month.	Day.	Details of Storm.
1	1887	May . .	21st to 28th .	Began to form on the 19th and 20th to the west of Diamond Island. It advanced to north-west and crossed the Orissa coast near Balasore, about 4 A.M. of the 26th. Winds of hurricane force (12) were experienced in the north of the Bay. The lowest observed reading of the barometer was 27·75. The storm advanced across Chutia Nagpur into Behar, and filled up on the 28th and 29th.
2	„	June . .	11th to 15th .	Formed in about Lat. 18½° N. on the 10th and 11th. It was feeble at sea, the strongest winds recorded by any ship near it being of force 8. It advanced nearly due west, and crossed the Ganjam coast on the morning of the 13th. It curved to the north-west and north on the 14th, passing into the eastern districts of the North-West Provinces, where it filled up on the 15th.

No.	Year	Month.	Day.	Details of Storm.
3	1887	June . .	19th to 21st .	This was a very small storm which formed in the north-west angle of the Bay. It was apparently very feeble as the strongest reported winds at the head of the Bay were of force 6. It crossed the coast to the west of Saugor Island on the afternoon of the 19th, and passed through West Bengal on the 20th, into Central Behar on the 21st, where it broke up. It gave moderately heavy rain to Orissa, West Bengal, and Behar.
4	,,	July . .	1st to 10th .	The weather was very squally and disturbed at the head of the Bay during the first week of July. A feeble and diffused disturbance appears to have originated off the west Pegu coast on the 1st, and advanced slowly to W. N.-W. Winds of force 6 to 7 were reported at the head of the Bay. The storm crossed the Orissa coast at midday of the 6th and advanced rapidly across Chutia Nagpur. The centre was south of Benares on the 7th, and north of Allahabad on the 8th. Thence it advanced into Rohilkhand on the 9th, and filled up on the night of the 10th. This storm gave general and heavy rain to the North-Western Provinces.
5	,,	,, . .	17th to 27th .	There was a slight depression in the north-west of the Bay on the 16th, but the conditions being unfavourable to its rapid growth, it did not develop into a storm until the 23rd, when it began to concentrate. The ships navigating this part of the Bay at this period experienced heavy squalls, blinding rain, and variable winds. On the 23rd the depression at the centre, which was then near Saugor Island, exceeded a third of an inch. It crossed the Orissa Coast and passed into the Central Provinces, and was to the north-east of Raipur on the 25th. It then curved to the north and was between Sutna and Jubbulpore at 10 A.M. of the 26th. It continued to follow the same track and passed to the west of Jhansi and Nowgong on the 27th, and before the morning of the 28th it had broken up in East Rajputana.
6	,,	August .	17th to 20th .	This was a very feeble storm at sea. It apparently commenced in about Lat. 18° N. and Long. 87° E. on the afternoon of the 16th. It advanced westwards to the Ganjam coast, which it crossed on the morning of the 19th to the north of Gopalpur. It passed into the eastern districts of the Central Provinces (Raipur and Sambalpur) on the 20th, where it filled up on the evening of that day.
7	,,	,, .	21st to 26th .	This storm was formed in the north-west angle of the Bay. Heavy rain, squalls and winds of force 6 to 7 were experienced on the 21st and 22nd. The storm crossed the Balasore coast on the morning of the 22nd and advanced W. N.-W. through Chutia Nagpur on that day. The centre was a little to the south of Benares on the 23rd, near Sutna on the 24th, Jhansi on the 25th, and Agra on the 26th. It filled up during the evening of that day in North-East Rajputana.
8	,,	September .	9th to 14th .	This was a small storm which formed at the head of the Bay in about Long. 89½°E. on the 9th and 10th September. It advanced almost due west and crossed the Orissa coast about noon of the 11th. The centre was a little to the west of Sambalpur at 10 A.M. of the 12th and between Nagpur and Seoni on the morning of the 13th. It advanced more slowly to west during the next 24 hours, and was between Seoni and Hoshangabad on the morning of the 14th. It filled up during the day without crossing the Mahadeva Hills. The storm gave a very heavy burst of rain to the Central Provinces.
9	,,	,,	21st to 26th .	This storm was generated in Lat. 20°N. and Long. 88°E. on the 21st. It increased rapidly in intensity on the 22nd, when it began to move northwards. The centre passed over the F. L. V. *Canopus* at 1 A.M. of the 24th. Her barometer fell to 29·43″. She experienced terrific rain, squalls and winds of force 9 to 11 from 10 P.M. of the 23rd to 5 A.M. of the 24th. The centre crossed the coast of the Sunderbuns on the morning of the 24th and advanced north past Jessore at midday. The depression began to fill up on the 26th at noon, of which day the centre was near Rungpur. It disappeared before the morning of the 27th. The storm gave very heavy rain to East, Central, and North Bengal.
10	,,	October .	8th to 14th .	This storm formed in the south of the Bay in Lat. 11°N. and Long. 85°E. on the 7th, during the first advance of north-east monsoon moist winds westwards across the centre and south of the Bay towards the Coromandel Coast. It was apparently a comparatively feeble storm at sea, as the strongest reported winds were only of force 8. The centre advanced to W. N.-W. and crossed the Coromandel Coast near, and to the south of, Madras about 8 A.M. of the 9th. It continued to move

No.	Year.	Month.	Day.	Details of Storm.
10—*contd.*	1877	October	8th to 14th	in the same direction during the next 24 hours, and was near Belgaum at noon of the 10th. It recurved and advanced slowly along the eastern base of the Western Ghâts on the 11th and 12th as far as Poona, when it recurved to the north-east and passed rapidly through the Berars and northern districts of the Central Provinces on the evening of the 13th, and was near Allahabad at noon of the 14th. The depression filled up during that day in the eastern districts of the North-Western Provinces. The storm hence advanced by a very unusual track during the latter part of its course and gave a general burst of rain not only to Southern India and the Deccan, but also to the Central Provinces and the eastern districts of the N-W. Provinces, Behar, and Bengal.

The tracks of two land-formed storms are included in those laid down on the chart, and also a portion of the track of the storm of June 6th to 12th in the Arabian Sea.

The following gives brief statement of these storms:—

No.	Year.	Month.	Day.	Details of Storm.
1	1887	June	6th to 12th in the Arabian Sea.	This storm formed on the 6th and 7th in about Lat. 17½° and Long. 69½° E. and advanced in a W. N.-W. direction across the centre of the Arabian Sea. The centre was in Lat. 17° 30′ N. and Long. 68°50′ E. at noon of the 7th, in Lat. 17° 50′ N. and Long. 68° 10′ E. on the 8th, in Lat. 18° 20′ N. and Long. 65° E. at noon of the 9th, and in Lat. 19° N. and Long. 61° 10′ E. at noon of the 10th. Several vessels, including the *Loorna Doone*, *Darien* and *Clan Forbes* were involved in the inner storm area and experienced hurricane winds on the 9th and 10th. The centre passed over the *Albany* at noon of the 11th, when she was in Lat. 19°4′ N. and Long. 60° 25′ E. She recorded the lowest barometric reading observed during the storm, *viz.*, 28·75″. No information respecting the progress of the storm after noon of the 11th has been received.
2	„	July	10th to 13th	This storm formed in South Bengal on the 9th and 10th. The centre of the cyclonic circulation was between Calcutta and Burdwan on the morning of the 10th. The disturbance advanced to the W. N.-W. up the southern edge of the Gangetic plain. The centre was near Sasseram in South Behar on the morning of the 11th, near Nowgong on the morning of the 12th, and midway between Agra and Jeypore on the morning of the 13th. The depression merged into the permanent area of low pressure in Upper India and disappeared during the next 24 hours. It gave heavy rain in Bengal, Behar, the N.-W. Provinces and East Rajputana.
3	„	„	12th to 15th	This storm began to form in East Bengal before the preceding storm had broken up. The first indications were shown on the afternoon of the 11th, and on the morning of the 12th a well defined cyclonic circulation was established, the centre of which was near Dacca. It advanced to the south of west (W. by S.) and passed near Calcutta through South Bengal and Chutia Nagpore on the 13th. The centre was a little to the west of Sambalpur at 10 A. M. of the 14th, and near Hoshangabad on the 15th. It was then filling up rapidly, and finally broke up in Meywar or West Rajputana during the night of the 15th or early morning of the 16th. It gave a very heavy burst of rain to the Central Provinces, and moderate general rain to Bengal and Chutia Nagpur.

WINDS.

The anemometric data consist of observations of the wind direction at 10h. and 16h. (10 A.M. and 4 P.M.) at the large majority of stations in Northern, Central and Western India and Burma; at the extra-Indian stations Aden, Bushire, Baghdad, &c.; and at Mangalore, Gopalpur, Mercara, Madura, Masulipatam, Calicut, Coimbatore, and Bellary

in the Madras Presidency. For the Madras observatory the directions at noon and midnight are given. At other Madras stations (except Vizagapatam), and also at Bangalore and Secunderabad, an observation at 22h. (10 P.M.) is given instead of that at 4 P.M. At Leh, Chamba, Lahore, Mussooree, Dehra, Roorkee, Lucknow, Allahabad, Dhubri, Chittagong, Calcutta, Saugor Island, Hazaribagh, Darjeeling, Nagpur, Pachmarhi, Jeypore, Deesa, Ratnagiri, Belgaum, Bombay, Poona, Vizagapatam, and Rangoon, the directions are given for four diurnal periods, *viz.* 4h. (or 6h. in the case of Calcutta, Leh, Allahabad and Bombay), 10h., 16h., and 22h.; and at all these stations, except Vizagapatam, Allahabad, Jeypore, Leh, Chamba and Lahore, are taken from the traces of autographic instruments. At nearly all stations the total movement of the air in 24 hours is recorded by an anemometer. At Calcutta, Madras, Rangoon, Saugor Island, Chittagong, Darjeeling, Lucknow, Roorkee, Dehra, Mussooree, Nagpur, Pachmarhi, Bombay, Belgaum, and Deesa, the instruments are large Beckley's anemographs of the Kew pattern; at Dhubri, Hazaribagh, Ratnagiri, and Poona they are Casella's embossing anemographs; and at other stations they are small anemometers, with Robinson's cup and ball motors, in some cases with trains of five recording wheels, in others with two (Casella's improved pattern). A list of the elevations of the instruments at all stations was given in the Report for the year 1885.

Table IX (Appendix) gives an abstract of the wind directions, &c., for 135 stations in 1887. The abstract specifies the number of times that each of eight wind directions and calms was observed at each hour of record, and the total of each month, the trigonometrical resultant of these observations computed by Lambert's formula (an equal value being given to each observation), the mean diurnal movement of the air, and the average monthly values of the last two data, computed from as many years (exceeding two) as anemometric registers have been furnished by each station. The charts, Plates II to IV, show the wind resultants by arrows, the lengths of which indicate the comparative excess of wind prevalence in the direction drawn on a scale such that five-eighths of an inch would represent a wind blowing continuously in the same direction throughout the month, or 100 per cent. of the observations.

January.—In the Punjab and North-Western Provinces the air motion was slightly greater than usual. The excess was very small in the western districts of the North-Western Provinces, but was considerable in the eastern districts, where the average air velocity of the month was from 23 to 78 per cent. above the normal. Winds were also steadier than usual in these districts. The chief feature in the Punjab and western districts of the North-Western Provinces was the weakness of the westerly element in the north-west winds which prevail at this season. The following cases illustrate this peculiarity:—

Stations.	Mean wind direction, January 1887.	Normal mean wind direction, January.
Ludhiana	N. 36° W.	N. 56° W.
Delhi	N. 15° W.	N. 77° W.
Roorkee	N. 38° W.	N. 72° W.
Agra	N. 27° W.	N. 64° W.

In the eastern districts of the North-Western Provinces the westerly component was more than usually preponderant. In Assam, as in Upper India, the northerly element was abnormally strong. Hence there was probably a steady and large flow of air from the mountain districts of Northern India for some time after each of the stormy weather periods of the month.

In Bengal the variations differed considerably in different parts of the province. Thus, in Central and Eastern Bengal, the westerly component was much more strongly marked than usual, as is shown by the following cases :—

Stations.	Mean wind direction, January 1887.	Normal mean wind direction, January.
Burdwan	N. 44° W.	N. 32° W.
Dacca	N. 82° W.	N. 53° W.
Chittagong	N. 38° W.	N. 24° W.

whilst in Orissa and the coast districts of South-West Bengal the variation was in the opposite direction as is proved by the following instances :—

Stations.	Mean wind direction, January 1887.	Normal mean wind direction, January.
Calcutta	N. 15° W.	N. 38° W.
Saugor Island	N. 32° E.	N. 1° E.
False Point	N. 74° E.	N. 51° E.

There was great irregularity in the air motion in the Central Provinces and the Berars, and at several stations the winds were very unsteady. The chief feature common to all was the conspicuous westerly element in the winds due to several very feeble depressions which formed in, or passed across, Northern India to the north of, or through, the Central Provinces. This feature is illustrated by the following mean wind directions :—

Stations.	Mean wind direction, January 1887.	Normal mean wind direction, January.
Khandwa	N. 78° W.	N. 25° E.
Akola	N. 31° W.	N. 54° E.
Amraoti	S. 76° W.	S. 88° E.

In Rajputana and Central India the winds were almost as irregular as in the Central Provinces and from the same cause. The average velocity or amount of air movement daily was greater than usual by amounts varying from 5 to 54 per cent.

In Madras, the Deccan, and the Bombay coast districts the winds differed little from the normal, but were generally weaker than usual. This was especially the case at the Madras coast stations, but the deficiency nowhere exceeded 30 per cent. and was generally much smaller. The winds in Burma were marked by the same features as in Upper

India. They were generally weaker, and had also a stronger westerly element than usual. The following gives data:—

Stations.	Mean wind direction, January 1887.	Normal mean wind direction, January.
Akyab	N. 33° W.	N. 23° W.
Rangoon	N. 1° W.	N. 25° E.
Toungoo	N.45° W.	N. 27° W.

The same peculiarity (*viz.*,—shift of the mean direction from east towards west) obtained in the South-East of Bay—

Stations.	Mean wind direction, January 1887.	Normal mean wind direction, January.
Port Blair	N. 29° E.	N. 39° E.
Nancowry	N. 62° E.	S. 87° E.

Hence, amidst the complexity caused by the unusual number of depressions (the majority of which were very feeble and insignificant) in Northern India during the month, there were one or two striking features, amongst which were the weakness of the North-East Monsoon current, the weakness of the easterly element of the north-east winds in the Bay, and the unusual strength of the westerly element in the north-west winds of Upper India.

February.—The winds were, as is usual in a cool dry February, unusually steady over the whole of Northern and Central India. The following compares the actual percentage of steadiness with the normal:—

Stations.	Steadiness.		
	Percentage, February 1887.	Average percentage.	Excess expressed as a percentage of normal.
Punjab	41	29	41
N.-W. Provinces	57	32	78
Rajputana and Central India	39	29	34
Central Provinces	35	20	75
Bengal, Behar, and Assam	45	36	25
Bombay	48	40	20

The steadiness was hence less conspicuous in the Punjab and Bengal than it was in the North-West Provinces and Central Provinces. In the Punjab plains the winds were more westerly than usual, but in the western districts of the North-West Provinces, the northerly element was more strongly marked. For example, the mean wind direction at Roorkee for the month was N., the normal being N. 52° W., and at Lucknow N. 17° W., the normal being N. 58° W. This was probably due to a larger flow of air from the Himalayas than usual. In the eastern districts of the North-Western Provinces the winds were approximately normal in direction. The velocity was also greater than the average at many stations in the Punjab. In Behar, Chutia Nagpur, and West Bengal northerly

winds with a slightly less amount of westing than usual prevailed with great steadiness during the month, as is shown by the following :—

Stations.	Mean wind direction, February 1887.	Normal wind direction, February.	Mean steadiness, February 1887.	Normal mean steadiness, February.
			%	%
Purneah	N. 71° W.	W.	47	56
Gya	N. 69° W.	N. 72° W.	57	36
Hazaribagh	N. 62° W.	N. 68° W.	72	60
Jessore	N. 60° W.	N. 65° W.	49	40
Calcutta	N. 73° W.	S. 81° W.	36	23

The air motion was also slightly greater than usual in East and South Bengal, and much steadier. Southerly winds, the effect of rapidly increasing temperature in the land area set in over the coast districts of Bengal on the 24th, and blew strongly at the end of the month. In the Central Provinces the lower air movement was less abnormal than in January. The wind directions, however, continued to show the same deflection towards the west as in the preceding month—

Stations.	Mean wind direction, February 1887.	Normal wind direction, February.	Amount of deflection toward west.
Nagpur	N. 14° E.	N. 55° E.	41°
Jubbulpore	N. 46° W.	N. 13° W.	33°
Saugor	N. 22° W.	N. 6° W.	16°
Akola	N. 63° W.	N. 1° E.	64°
Amraoti	N. 5° E.	N. 34° E.	29°

The variations in the velocity from the normal were very irregular. At some stations, *e.g.* Nagpur, Saugor, and Pachmarhi, it was apparently greater, whereas at others the average wind force was either normal or slightly below it.*

There was much irregularity in Rajputana and Sind. Several stations, *e.g.* Jeypore, Nowgong, &c., exhibited the same peculiarities as the Central Provinces stations, *viz.* deflection of the wind direction round towards the west. In Sind and Cutch, and on the Bombay coast, the winds were approximately normal in direction and intensity, although more steady than usual.

In the peninsula there were some remarkable peculiarities. Winds were generally stronger in the Deccan, as for example :—

Stations.	Mean daily wind velocity, February 1887.	Normal daily wind velocity, February.
Belgaum	265	241
Sholapur	165	155
Secunderabad	125	91

They were normal in Mysore and the Carnatic, but further south, at Trichinopoly and

* The apparent increase of velocity at Saugor and Pachmarhi was due mainly, if not entirely, to the employment of new anemometers during the year.

Negapatam, and still more so at the Ceylon stations, the lower air movement was much greater than usual. At the Ceylon stations the winds were from 23 to 53 per cent. in excess of their usual February force. The winds in the Deccan also contained a northerly, instead of the usual, southerly component, another evidence of the unusual strength of the general air movement from the north-east over the Indian area during the month—

Stations.	Mean wind direction, February 1887.	Normal wind direction, February.
Belgaum	N. 47° E.	S. 78° E.
Sholapur	N. 66° E.	S. 33° E.
Secunderabad	N. 67° E.	S. 74° E.

The same fact is also shown by the unusual strength of the northerly element in the winds at the Bay Islands. Thus, at Port Blair the mean wind direction was N. 25° E., the normal being N. 41° E., and at Nancowry the mean was N. 68° E., the normal being N. 80° E. Ships also reported that an unusually strong north-east monsoon prevailed in the Bay, and strong winds and rain squalls were experienced by many vessels in the south of the Bay.

In Burma the winds were, on the whole, more northerly than usual. This is shown most clearly by the returns of the following stations:—

Stations.	Mean wind direction, February 1887.	Normal wind direction, February.
Diamond Island	N. 20° W.	N. 25° W.
Moulmein	N. 2° W.	N. 13° W.
Mergui	N. 29° W.	N. 38° W.

March.—The meteorological conditions had commenced to change considerably in the latter part of February. Temperature increased rapidly in the interior, and hot weather conditions began to be established in Central India. This change went on rapidly during the month of March, and, as usual, the rapid increase of temperature was interrupted at intervals by brief periods of slight atmospheric disturbance giving rise to thunderstorms in Bengal and Assam, and to dust-storms or thunder-storms in Upper India. These disturbances were somewhat more violent than usual, probably because the increase of temperature took place at a more rapid rate than usual. The winds were hence slightly less steady in Upper India, as is shown by the following statement:—

Stations.	Steadiness.	
	Percentage, March 1887.	Average percentage, March.
Punjab	30	32
North-Western Provinces	29	34

In Central India, Rajputana, and the Central Provinces, where the weather was most free from hot-weather storms, the winds were much steadier than usual.

Stations.	Steadiness.	
	Percentage, March 1887.	Average percentage, March.
Central Provinces	41	28
Central India	47	36

In the Punjab the northerly element was somewhat stronger than usual, especially near the foot of the hills at Sialkot, where the mean direction was N. 24° W., the normal being N. 59° W.

Winds were more directly than usual from the west at Agra and Meerut, but over the greater part of the North-West Provinces and Behar the northerly element was abnormally strong. This is shown by the following comparison:—

Stations.	Mean wind direction, March 1887.	Normal wind direction, March.
Lucknow	N. 42° W.	N. 54° W.
Jhansi	N. 56° W.	N. 80° W.
Allahabad	N. 50° W.	N. 65° W.
Benares	N. 78° W.	N. 88° W.
Patna	N. 47° W.	N. 74° W.
Gya	N. 40° W.	N. 79° W.

In Assam the air movement was approximately normal. Southerly winds prevailed over the greater part of Bengal during the month. The variations of the air movement in Bengal from the normal were very irregular, and indicate clearly the disturbed character of the weather in that province during the latter part of the month. In South Bengal (as represented by Saugor Island, Chittagong, and False Point) the winds were almost directly from the south (the westerly element being unusually feeble), whereas in the interior the westerly component was slightly stronger than usual at the majority of stations. These anomalies of wind direction, common to several neighbouring stations, are, it will be seen, as strongly marked and persistent as the barometric anomalies, and are evidently related to them, although it is not as yet possible to formulate a simple law of relation.

In the Central Provinces, Central India, and Rajputana the variations of the mean wind directions from the normal for this month are generally small, local in character, and of little importance.

Winds were remarkably unsteady in North Sind. The percentage of steadiness for Jacobabad was only 10 as compared with the normal 26, and at Hyderabad 17 per cent. as compared with 39 per cent. The wind directions were equally abnormal. Thus, at Jacobabad, the mean wind direction of the month was S. 87° W., the normal being N. 67° E.

In the Deccan northerly winds extended quite as far south as in the preceding month. Thus—

Stations.	Mean wind direction, March 1887.	Normal wind direction, March.
Bellary	N. 84° W.	S. 27° E.
Secunderabad	N. 31° E.	S. 64° E.
Belgaum	N. 75° W.	S. 88° W.

In the North Deccan the northerly winds there prevalent had more westing than usual. Over the extreme south of India, the winds were steadier and more directly from the south. This feature was shown very conspicuously in the following instances:—

Stations.	Mean wind direction, March 1887.	Normal wind direction, March.
Madras	S. 29° E.	S. 50° E.
Salem	S. 1° E.	S. 46° E.
Trichinopoly	S. 45° E.	S. 85° E.
Negapatam	S. 43° E.	S. 61° E.

In Burma, more especially in the interior, the winds were also steadier, but there were no important peculiarities in their directions.

In the Bay Islands the easterly element in the north-east winds, which was feeble in February, was slightly stronger than the normal in March.

April.—The winds during this month over the greater part of the country were somewhat more steady than usual. The following averages give data for comparison:—

Stations.	Steadiness.	
	Percentage, April 1887.	Average percentage, April.
Punjab	33	27
North-Western Provinces	33	33
Rajputana and Central India	49	53
Central Provinces	34	40
Bengal	52	45
Burma	53	52
Bombay	55	50
Madras	54	56

In the Punjab they were more steady than usual, but varied very considerably in their intensity at neighbouring stations. The chief feature was the unusual strength of the winds at Peshawar and Rawalpindi, where the average air motion was nearly double its ordinary amount. In the North-West Provinces winds were generally of normal

strength, except at the stations of Agra and Gorakhpur, where they were remarkably feeble. The hot winds of the month had a very strong northerly component, *e. g.*:—

Stations.	Mean wind direction, April 1887.	Normal wind direction, April.
Roorkee	N. 15° W.	N. 73° W.
Agra	N. 65° W.	N. 84° W.
Lucknow	N. 30° W.	N. 53° W.
Allahabad	N. 33° W.	N. 52° W.

The peculiarities in the wind motion in Bengal were remarkable. The winds in Central and South Bengal, as for example Chittagong and Calcutta, contained a very strong westerly element, whilst in the north-west angle of the Bay, as represented by the stations of False Point and Saugor Island, the westerly element was very weak. The following table gives data in illustration:—

Stations.	Mean wind direction, April 1887.	Normal wind direction, April.
Chittagong	S. 45° W.	S. 12° W.
Calcutta	S. 26° W.	S. 3° W.
Saugor Island	S. 11° W.	S. 20° W.
False Point	S. 15° W.	S. 38° W.

The air velocity was below the average, but the deficiency in the motion was not large except in East Bengal, where the amount of wind registered was from 20 to 40 per cent. smaller than usual. The velocity of the air movement at Saugor Island and False Point, and hence probably along the whole Bengal coast was slightly greater than the average.

Winds were approximately normal in character in the Central Provinces, Central India, and Rajputana. They were more northerly than usual on the Bombay coast, as is shown by the following:—

Stations.	Mean wind direction, April 1887.	Normal wind direction, April.
Bombay	N. 50° W.	N. 52° W.
Ratnagiri	N. 54° W.	N. 76° W.
Karwar	N. 71° W.	N. 84° W.
Mangalore	N. 78° W.	N. 86° W.
Cochin	N. 65° W.	N. 89° W.

The chief feature in the air motion in Southern India was the increased velocity at the Ceylon stations.

In Burma the air motion was fairly normal. It was, on the other hand, exceptionally

feeble at Port Blair and Nancowry, and the directions much modified apparently by local conditions :—

Stations.	Direction.		Velocity.	
	Mean wind direction, April 1887.	Normal direction, April.	Mean daily wind velocity, April 1887.	Average daily wind velocity, April.
Nancowry . . .	S. 22° E.	S. 56° E.	35	108
Port Blair . . .	S. 31° E.	N. 84° E.	55	117

May.—The hot weather conditions were present in an exaggerated degree in this month over the interior of Northern and Central India, and winds were hence steadier than usual. The following give the mean percentages for the various provinces :—

Stations.	Steadiness.	
	Mean percentage, May 1887.	Normal percentage, May.
Punjab	34	24
N.-W. Provinces	39	21
Rajputana and Central India	73	59
Central Provinces	67	50
Bombay	80	68
Bengal	48	46
Burma	62	47
Madras	66	61

In the Punjab near the hills the mean wind direction was south-east, instead of north, thus indicating an unusual extension of the winds along the foot of the hills from Bengal. Similarly in the North-West Provinces easterly or south-easterly winds were unusually prevalent, and the normal north-west winds were confined chiefly to the central and southern districts represented by Meerut, Delhi, Agra and Lucknow. The effect of the high temperature in extending and intensifying the easterly winds up the Gangetic plain is even more strongly shown in Behar, where the winds instead of varying between east and west were unusually steady from east, *e. g.* :—

Stations.	Mean wind direction, May 1887.	Normal wind direction, May.	Mean percentage, May, 1887.	Normal percentage, May.
Ghazipur . . .	S. 89° E.	N. 22° W.	27	9
Patna	N. 68° E.	N. 54° E.	68	38
Gorakhpur . . .	N. 83° E.	S. 82° E.	46	28

The winds were approximately normal in direction in Bengal, but steadier than usual. The mean wind direction of Saugor Island was S. 12° E., the normal being S. 12° W. and of False Point S. 1° W., the normal being S. 31° W. These hence show that the wind directions at the head of the Bay were very considerably deflected from the west or towards

the east, as had been the case during the two preceding months, an anomaly which continued to be more or less strongly shown throughout the whole of the rains. The same feature was present to a less extent in Central Bengal.

In the Central Provinces the westerly element of the north-westerly winds was unusually feeble at the southern stations, *viz.*:—

Stations.	Mean wind direction, May 1887.	Normal wind direction, May.
Nagpur	N. 15° W.	N. 41° W.
Raipur	N. 57° W.	N. 78° W.
Akola	N. 46° W.	N. 51° W.

whereas at the northern stations of Kandwa, Jubbulpore, and Hoshangabad, as well as at the majority of stations in Central India and Rajputana, the opposite variation from the normal air motion obtained. The same peculiarity, *viz.* unusual westing of the winds was also the chief feature in the air motion of the North Deccan:—

Stations.	Mean wind direction, May 1887.	Normal wind direction, May.
Poona	N. 83° W.	N. 55° W.
Sholapur	N. 84° W.	N. 41° W.
Malegaon	N. 62° W.	N. 46° W.

Further south the variation was in the opposite direction, as is shown by the following means:—

Stations.	Mean wind direction, May 1887.	Normal wind direction, May.
Secunderabad	N. 69° W.	N. 77° W.
Bellary	N. 72° W.	N. 78° W.
Mangalore	N. 71° W.	N. 76° W.

Over the greater part of Southern Madras the variations were small and less regular than the preceding.

In the Bay Islands and Burma the variations were opposite in direction at neighbouring stations in several cases. Thus:—

Stations.	Mean wind direction, May 1887.	Normal wind direction, May.
Rangoon	S. 33° W.	S. 17° W.
Moulmein	S. 25° W.	S. 45° W.
Port Blair	S. 69° W.	S. 34° W.
Nancowry	S. 40° W.	S. 43° W.

June.—The monsoon current advancing up the Bay was fully established at the end

of the month of May over Burma, Bengal, Assam, Behar, and the eastern districts of the North-West Provinces. The Bombay branch was slightly delayed in its advance, and was directed rather to the Deccan, Central Provinces, and Central India, than to Rajputana and the Punjab. Hence Upper India was not, except fitfully, under the direct influence of the monsoon current through the month.

The winds were slightly steadier than usual in the Punjab and North-West Provinces.

The following table gives data by which the average strength and velocity of the two branches of the monsoon current during the month of June may be estimated—

Stations.	Mean daily wind velocity, June 1887.	Normal daily wind velocity, June.	Excess or defect expressed as a percentage.
Bombay Branch—			
Bombay Coast	301	371	—19
Central Provinces	178	172	+ 3
Central India and Rajputana	227	229	— 1
Deccan	239	252	— 5
Bengal Branch—			
Bengal Coast	261	222	+18
Burma (Lower)	98	107	— 8
Behar	114	100	+14
Bengal	198	175	+13
Bay Islands	136	238	—43

Winds were very unsteady, feeble, and irregular in the north of the Punjab. Thus, at Rawalpindi the mean direction was S. 55° E., the normal being S. 15° E., at Sialkot the mean was S. 44° W., the normal being N. 77° E., and at Lahore the mean was S. 25° E., the normal being N. 19° W. At Lahore only 2 per cent. of the winds blew from the normal direction.

North-west winds prevailed to an unusual extent in the western and south-western districts of the North-West Provinces. They were, however, comparatively feeble. The failure of the Bengal Branch of the monsoon current to advance in strength beyond the eastern districts of the North-West Provinces is shown by the unusually large amount of northing in the winds in the eastern districts, and by the marked tendency to cyclonic circulation :—

Stations.	Mean wind direction, June 1887.	Normal wind direction, June.
Gorakhpur	N. 67° E.	S. 74° E.
Allahabad	N. 62° E.	N. 2° E.
Sutna	N. 74° W.	N. 59° W.
Benares	N. 6° E.	N. 56° W.
Gya	N. 24° W.	N. 57° E.
Patna	N. 80° E.	N. 73° E.

In Behar the winds were normal in character except at Gya, where their mean direction was N. 24° W., the normal being N. 57° E.

The more prominent peculiarities in the air motion over Bengal were almost identical with those of the month of June. The first was the slight westing of the winds at the head of the Bay, as represented by the stations of Saugor Island and False Point, *e.g.*—

Stations.	Mean wind direction, June 1887.	Normal wind direction, June.
Saugor Island	S. 5° W.	S. 15° W.
False Point	S. 19° W.	S. 45° W.

Over the interior of Bengal there was, on the contrary, less easting or a greater amount of westing, *i.e.* the winds were deflected from the normal direction in the opposite way to what they were at the head of the Bay. The following data illustrate this feature :—

Stations.	Mean wind direction, June 1887.	Normal wind direction, June.
Burdwan	S. 9° E.	S. 18° E.
Berhampore	S. 1° E.	S. 33° E.
Dacca	S. 6° W.	S. 16° E.
Calcutta	S. 3° W.	S. 4° E.

In the Central Provinces the winds were apparently normal in direction, and whatever deviations there were, they were very local in character, as in many cases small opposite variations occurred at neighbouring stations. The winds were more westerly than usual in Central India, and in Western and Central Rajputana north-west winds replaced the south-west winds proper to the season.

On the Bombay coast districts and Bombay Deccan, with one remarkable exception winds were more directly from the west than usual, *e.g.*—

Stations.	Mean wind direction, June 1887.	Normal wind direction, June.
Bombay	S. 70° W.	S. 63° W.
Ratnagiri	S. 73° W.	S. 53° W.
Malegaon	W.	N. 82° W.
Poona	S. 82° W.	S. 79° W.
Sholapur	S. 89° W.	N. 86° W.
Cochin	N. 75° W.	S. 72° W.

The single exception was the area defined by the stations of Karwar, Mangalore,

Belgaum, and Coimbatore, in which the south-west winds had an unusually strong southerly element. This anomaly was most prominent, it will be seen from this table, at Belgaum :—

Stations.	Mean wind direction, June 1887.	Normal wind direction, June.
Karwar	S. 72° W.	S. 76° W.
Mangalore	S. 77° W.	S. 82° W.
Belgaum	S. 53° W.	S. 73° W.
Coimbatore	S. 39° W.	S. 41° W.

In Madras the variations from the normal wind directions were generally small.

In Burma and the Bay Islands the monsoon winds contained a very strong westerly element, as is shown by the following data :—

Stations.	Mean wind direction, June 1887.	Normal wind direction, June.
Nancowrry	S. 45° W.	S. 43° W.
Port Blair	S. 60° W.	S. 38° W.
Bassein	S. 25° W.	S. 15° W.
Rangoon	S. 46° W.	S. 16° W.
Moulmein	S. 31° W.	S. 21° W.
Mergui	S. 67° W.	S. 48° W.

It will thus be seen that the monsoon current in the Bay was deflected in the same general direction as the current advancing across the Bombay coast, and that this deflection was small in amount in the south, but was large in the centre of the Bay.

July.—The monsoon current (more especially the Bombay branch), as estimated by the average velocity of the wind, was slightly stronger than usual :—

Stations.	Mean daily wind velocity, July 1887.	Normal daily wind velocity, July.	Excess or defect expressed as a percentage.
Bombay Branch—			
Bombay Coast	426	404	+ 5
Central Provinces	204	171	+19
Central India and Rajputana	190	191	— 1
Deccan	293	271	+ 8
Bay of Bengal Branch—			
Bay Islands	188	257	—27
Burma	123	111	+11
Bengal	154	164	— 6
Behar	92	87	+ 6
N.-W. Provinces	77	78	— 1

There was much irregularity in the air movement over the Punjab during the month. This was mainly due to the fact that the Punjab was the limit of the lower horizontal

movement of the south-west monsoon circulation at this time. The winds in that Province were from directions between south and east. They contained a much stronger easterly component than usual, at the south-eastern stations of Delhi and Sirsa. In the Indus Valley, the winds were normal in direction, and dry north-west winds, such as usually prevail during a weak monsoon or period of drought in Upper India, were almost entirely absent during the month.

The following data illustrate the preceding remarks :—

Stations.	Mean wind direction, July 1887.	Normal wind direction, July.	Mean daily wind velocity, July 1887.	Normal daily wind velocity, July.
Sialkot	S 83° E	S 86° E	?	59
Lahore	S 62° E	S 84° E	92	79
Ludhiana	S 14° E	S 46° E	49	49
Delhi	S 87° E	S 45° E	96	107
Sirsa	S 33° E	S 3° W	170	114
Peshawar	N 47° E	N 56° E	151	106
Rawalpindi	S 61° E	S 66° E	110	51
Dera Ismail Khan	S 64° E	S 79° E	62	58

In the North-Western Provinces the air movement was not so strong as usual, except locally at Allahabad and Benares. The average velocity was 11 per cent. above the normal at Benares and 53 per cent. at Allahabad. In the western districts the easterly component of the wind was much feebler than usual, *e.g.*—

Stations.	Mean wind direction, July 1887.	Normal wind direction, July.
Lucknow	N 11° E	N 85° E
Agra	N 2° W	N 63° E
Bareilly	S 25° E	S 61° E
Meerut	S 48° E	S 86° E

The winds were unusually steady, and hence the above deviations appear to have been more or less persistent, and due to greater strength of that part of the Bombay current crossing Central India and Rajputana.

In Behar winds were normal in direction, and generally steadier and stronger than usual. The air motion in Bengal during July differed less from its normal character than in une. The south-west winds were slightly stronger at the head of the Bay and the westerly element feebler than usual, *e.g.*—

Stations.	Direction.		Velocity.	
	Mean wind direction, July 1887.	Normal wind direction, July.	Mean daily wind velocity, July 1887.	Normal daily wind velocity, July.
Saugor Island	S 17° W	S 24° W	350	341
False Point	S 49° W	S 59° W	266	252

In West Bengal the continuation of the coast winds had, as might be expected under normal conditions, a larger deviation to the east than usual, *e.g.*—

Stations.	Direction.		Steadiness.	
	Mean wind direction, July 1887.	Normal wind direction, July.	Percentage, July 1887.	Normal percentage, July.
Burdwan . . .	S 40° E	S 27° E	36	47
Berhampore . . .	S 72° E	S 41° E	46	51

In Central and North-Western India, the chief peculiarities deserving notice are the persistence of north-westerly (instead of the normal south-westerly) winds at Ajmere and Sambhar. This, taken in conjunction with the peculiar wind directions at Sirsa, Delhi, and other stations, indicate probably much slight and irregular cyclonic movement over Central and West Rajputana. This is shown by the following data:—

Stations.	Mean wind direction, July 1887.	Normal wind direction, July.
Sirsa	S 33° E	S 3° W
Ajmere	N 73° W	S 62° W
Jhansi	N 8° W	S 49° W
Agra	N 2° W	N 63° E
Nowgong	N 83° W	S 78° W
Neemuch	S 72° W	S 61° W
Jeypore	N 56° W	N 51° W

Winds were stronger in the Bombay coast districts and the Deccan and more directly from the west than usual, *e.g.*—

Stations.	Mean wind direction, July 1887.	Normal wind direction, July.
Bombay	S 74° W	S 75° W
Ratnagiri	S 74° W	S 55° W
Poona	S 87° W	S 79° W
Sholapur	S 88° W	S 80° W
Mangalore	N 89° W	S 81° W

There was locally at Karwar and Belgaum, as in the preceding month, a deviation in the opposite direction apparently directly connected with the peculiarities of weather in the area represented by those stations—

Stations.	Mean wind direction, July 1887.	Normal wind direction, July.
Karwar	S 65° W	S 74° W
Belgaum	S 59° W	S 70° W

In Madras winds were more westerly at the majority of stations, more especially

Secunderabad, Bangalore, Madras, Coimbatore, &c. Hence, over that area there was the same general westerly deflection that characterised the air movement in the west coast districts.

In Burma and at the Bay Islands the winds were, as in the previous month, more westerly than usual, but the direction was not quite so strongly marked as in the preceding month. This was perhaps due to the greater strength of the monsoon current during the month. The following data show the amount and character of the deviation from the normal direction :—

Stations.	Mean wind direction, July 1887.	Normal wind direction, July.	Mean daily wind velocity, July 1887.	Normal daily wind velocity, July.
Nancowry . . .	S. 44° W.	S. 44° W.	203	249
Port Blair . . .	S. 54° W.	S. 44° W.	172	265
Mergui	S. 63° W.	S. 60° W.	32	44
Rangoon . . .	S. 39° W.	S. 29° W.	P	P
Bassein	S. 42° W.	S. 26° W.	106	95
Diamond Island . .	S. 40° W.	S. 41° W.	242	214

The weakness of the winds at Port Blair and Nancowry, which is further confirmed by the anemometric returns of Diamond Island and Mergui is very remarkable. It apparently points to more irregular movement, and larger but more diffused rainfall over the Bay, than usual. This was so far as can be inferred from the opinion of Captains of steamers running between Calcutta and the Burma ports and Bay Islands, almost certainly the case and is one of the larger features of the meteorology of the year that demand explanation.

August.—The more important peculiarities of the air movement over India during this month were similar to, or identical with, those of the preceding two months, and will hence be described briefly.

The monsoon current blew more steadily during the greater part of the month than usual, and over Northern and Central India the average daily air motion was almost identical with the normal average :—

Stations.	Mean daily wind velocity, August 1887.	Normal daily wind velocity, August.	Excess or defect expressed as a percentage.
Bombay Branch—			
Bombay coast	328	334	—2
Central Provinces	145	144	+1
Central India and Rajputana . .	198	187	+6
Deccan	197	222	—11
Bay of Bengal Branch—			
Burma	73	90	—19
Bay Islands	126	228	—45
Bengal	150	144	+4
Behar	71	75	—5
North-Western Provinces . . .	66	71	—7

In the Punjab the wind directions were such as obtain during a normal or strong monsoon in that area, and also appear to show that the influence of the Bengal current was greater than that of the Bombay current.

Winds were very irregular in the North-Western Provinces and showed very large deviations from the normal directions. They were almost, without exception, stronger and steadier at all stations. The following table illustrates the large deviations of direction :—

Stations.	Mean wind direction, August 1887.	Normal wind direction, August.
Roorkee	S. 48° W.	S. 36° E.
Meerut	S. 52° E.	N. 80° E.
Benares	S. 32° E.	S. 49° E.
Lucknow	N. 33° W.	S. 77° E.
Allahabad	S. 83° E.	N. 40° E.
Agra	N. 2° E.	S. 22° E.

The abnormal mean directions of the winds at Agra and Lucknow are especially remarkable in connection with the heavy local rainfall at these two stations.

The following table shows that the peculiarities of decreased westing in the winds at the head of the Bay and decreased easting in the interior of Bengal were very prominent in August :—

Stations.	Direction.		Steadiness.		Velocity.	
	Mean wind direction, August 1887.	Normal wind direction, August.	Percentage, August 1887.	Normal percentage, August.	Mean daily wind velocity, August 1887.	Normal daily wind velocity, August.
Saugor Island	S 2° E.	S. 17° W.	72	54	373*	299
False Point	S. 8° W.	S. 57° W.	50	53	262*	229
Calcutta	S. 1° E.	S. 17° E.	66	57	122	127
Burdwan	S. 15° E.	S. 30° E.	60	48	77	86
Jessore	S. 2° W.	S. 20° E.	72	61	89	99
Dacca	S. 9° E.	S. 14° E.	70	72	140	145
Chittagong	S. 15° E.	S. 32° E.	62	55	128	146

The above returns indicate that the very large deviation in the direction of flow of the monsoon current near the earth's surface in Bengal was associated with greater steadiness of motion and a higher velocity at the coast stations than usual. It would be very interesting to ascertain to what height in the atmosphere these peculiarities obtained.

In Western India the winds were generally below their average force to a slight extent. They were, as hitherto, more directly from the west in the Bombay coast districts

* The increased amount of wind at these two stations is to a certain extent unreal, and is due partly to change of instruments.

and Deccan with the exception of an area represented by the stations of Belgaum and Karwar, *e.g.*—

Stations.	Mean wind direction, August 1887.	Normal wind direction, August.
Bombay	S. 84° W.	S. 81° W.
Ratnagiri	N. 83° W.	S. 63° W.
Poona	N. 84° W	S. 84° W.
Sholapur	N. 86° W.	N. 89° W.
Malegaon	N. 82° W.	N. 82° W.
Belgaum	S. 70° W.	S. 79° W.
Karwar	N. 82° W.	W.

The unusual westing of the winds at Port Blair, and the Burma and Tenasserim coast stations was as strongly marked as hitherto.

Stations.	Mean wind direction, August 1887.	Normal wind direction, August.	Mean daily wind velocity, August 1887.	Normal daily wind velocity, August.
Nancowry	S. 41° W.	S. 46° W.	125	226
Port Blair	S. 68° W.	S 43° W.	126	230
Mergui	S. 72° W.	S. 63° W.	32	40
Diamond Island	S. 62° W.	S. 42° W.	132	161
Bassein	S. 50° W.	S. 34° W.	53	81

The abnormal lightness of the monsoon winds in the centre of the Bay, as estimated by the wind velocity at Nancowry and Port Blair, was more marked during the month than during any other month of the south-west monsoon period.

September.—The south-west monsoon blew strongly during the first fortnight of the month. It suddenly withdrew from Upper India after a very heavy burst of rainfall in the south-east of the Punjab about the 20th of the month, and the monsoon winds were replaced by light cool dry north-westerly winds and cloudless skies in Upper and Central India.

The following gives the average strength of the winds of the two branches of the monsoon current during the month :—

Stations.	Mean daily wind velocity, September 1887.	Normal daily wind velocity, September.	Excess or defect expressed as a percentage.
Bombay Branch—			
Bombay Coast	269	262	+ 3
Central Provinces	135	120	+13
Central India and Rajputana	177	156	+13
Deccan	186	186	0
Bengal Branch—			
Burma	72	87	—17
Bay Islands	156	219	—29
Bengal	120	118	+ 2
Behar	57	65	—12
N.-W. Provinces	63	66	— 5

In the Punjab the winds were steadier and, on the whole, stronger than the average. The mean wind directions show no large variations from the normal except at Sirsa, where the westerly winds had a strongish southerly, instead of the normal northerly component.

In the North-West Provinces the sudden retreat, and earlier termination than usual, of the monsoon affected the mean wind directions much more largely than in the Punjab. Westerly or north-westerly winds hence prevailed to an unusual extent. The mean wind directions of the following stations for the month show this abnormal feature very clearly :—

Stations.	Mean wind direction, September 1887.	Normal wind direction, September.
Bareilly	N. 61° W.	N. 75° E.
Lucknow	N. 29° W.	N. 1° E.
Allahabad	N. 34° W.	N. 42° E.
Benares	N. 62° W.	S. 70° E.

Easterly winds continued longer in Behar than in the North-Western Provinces and the effect of the change is shown chiefly by the great unsteadiness of the winds in Behar—

Stations.	Steadiness.	
	Percentage, September 1887.	Normal percentage, September.
Patna	9	42
Hazaribagh	11	21
Purneah	9	39
Durbhunga	26	54

In Bengal the winds were either normal or slightly below their proper strength and, as in Behar, were very unsteady, *e.g.* —

Stations.	Direction.		Steadiness.	
	Mean wind direction, September 1887.	Normal wind direction, September.	Percentage, September 1887.	Normal percentage, September.
Burdwan	S. 13° E.	S. 31° E.	7	38
Berhampore	S. 9° W.	S. 41° E.	5	36
Jessore	S. 10° W.	S. 26° E.	30	61
Calcutta	S. 5° W.	S. 27° E.	35	43

The very slight easting in the winds blowing over Western and Central Bengal was apparently, in part at least, the continuation of an abnormal feature which has already been pointed out as having characterised the meteorology of Bengal for some months previously.

In Eastern Bengal the winds were more southerly than usual, whilst at Saugor Island and in Orissa, the southerly winds which continued to blow had, for the first time since the month of May, a stronger westerly component than usual.

Stations.	Direction.		Steadiness.	
	Mean wind direction, September 1887.	Normal wind direction, September.	Percentage, September 1887.	Normal percentage, September.
Chittagong . . .	S. 2° E.	S. 29° E.	59	31
Dacca . . .	S. 1° E.	S. 11° E.	71	57
Saugor Island . . .	S. 23° W.	S. 4° W.	42	48
False Point . . .	S. 34° W.	S. 25° W.	44	36
Cuttack	S 62° W.	S 10° W.	32	20
Sambalpur . . .	S. 69° W.	S. 49° W.	52	13

In the Central Provinces the mean direction of the air movement did not differ largely from the normal. In some cases the westerly element was very pronounced, the velocity was considerably above the average, more especially in Berar, and the winds unusually steady. The following examples illustrate these features—

Stations.	Steadiness.		Velocity.	
	Percentage, September 1887.	Normal percentage, September.	Actual, September 1887.	Normal, September.
Nagpur	54	37	155	118
Jubbulpore . . .	56	34	65	81
Amraoti	63	45	148	107
Akola	80	66	153	140
Chikalda	84	62	296	228

Similarly in Sind and Rajputana, and more especially at the Western Stations of the latter area, the air motion was slightly above the average and the winds unusually steady. For example, at Mount Abú, the steadiness for September 1887 was 48 as contrasted with 27, the normal steadiness, and at Jacobabad it was 53, the normal being 41.

The same features of increased steadiness characterised the air motion of the month in Bombay. The following gives typical examples, and also shows that the velocity was either normal or below the average—

Stations.	Direction.		Steadiness.		Velocity.	
	Mean wind direction, September 1887.	Normal wind direction, September.	Percentage, September 1887.	Normal percentage, September.	Actual, September 1887.	Normal, September.
Surat	S. 69 W.	S. 73 W.	74	60	?	221
Poona	N. 88 W.	N. 89 W.	84	70	272	274
Bombay	N. 66 W.	S. 89 W.	53	55	246	280
Karwar	N. 75 W.	N. 86 W.	86	78	?	?
Belgaum	S. 82 W.	N. 84 W.	85	82	400	400

In Madras, and the interior of Burma, the mean wind direction and force were practically normal, and the mean air movement of the month presents no important variations. The anemometric returns for Port Blair and Nancowry indicate abnormal weakness of the winds in the south-east of the Bay. This was one of the most striking variations of the Bay of Bengal branch of the south-west monsoon current during the whole season, and was as persistent and marked during the later monsoon months as at the commencement in June. It is confirmed by the existence of a variation similar in character, but smaller in amount, at Diamond Island and Bassein. The following table gives data for the month of September in illustration :—

Stations.	Direction.		Steadiness.		Velocity.	
	Mean wind direction, September 1887.	Normal wind direction	Percentage, September 1887.	Normal percentage, September.	Actual, 1887.	Normal.
Nancowry	S. 39° W.	S. 50° W.	96	83	167	215
Port Blair	S. 61° W.	S. 43° W.	85	73	144	223
Diamond Island . . .	S. 40° W.	S. 39° W.	66	56	140	164
Bassein	S. 47° W.	S. 25° W.	43	50	54	82
Mergui	S. 80° W.	S. 64° W.	64	59	33	36

October.—The chief features of the weather of the month of October have already been stated. The north-east monsoon set in early on the Madras coast, and gave abundant rain. No large cyclone formed in the Bay during the month, and hence normal conditions generally prevailed.

The winds were very variable in the Punjab. In the western districts of the North-Western Provinces, the north-west winds which prevailed were even lighter and feebler than usual, and the average motion at several stations did not exceed 20 or 30 miles per diem. In the eastern districts of the North-West Provinces the winds were much stronger, and the amounts, as registered by the anemometer, averaged from 70 to 100 miles per diem in the districts represented by Allahabad and Benares.

The winds were unusually steady in Behar and the western districts of Bengal in consequence of the feebleness and early withdrawal of the south-west monsoon winds, and north-westerly or westerly winds largely predominated over the whole of Behar and the greater part of Bengal, *e.g.*:—

Stations.	Direction.		Steadiness.	
	Mean wind direction, October 1887.	Normal wind direction, October.	Percentage, October 1887.	Normal percentage, October.
Patna	N. 41° W.	N 21° E.	20	4
Gya	N. 23° W.	N. 34° W.	36	4
Durbhunga . . .	N. 73° W.	N. 68° E.	18	3
Jessore	N. 62° W.	N. 65° E.	24	23
Calcutta . . .	N. 39° W.	N. 48° W.	28	11
Saugor Island . .	N. 6° W.	N. 10° E.	27	13

In Orissa and the Central Provinces north-east winds blew steadily during the month

The winds were generally feebler than usual, and the easterly component more strongly marked, except locally at Nagpur and Jubbulpore. The following data illustrate these features :—

Stations.	Direction.		Steadiness.	
	Mean wind direction, October 1887.	Normal wind direction, October.	Percentage, October 1887.	Normal percentage, October.
False Point . . .	N. 49° E.	N. 40° E.	38	25
Cuttack . . .	N. 43° E.	N. 32° E.	38	25
Sambalpur . . .	N. 32° E.	N. 7° E.	43	29
Jubbulpore . . .	N. 16° W.	N. 3° E.	10	17
Nagpur . . .	N. 29° E.	N. 37° E.	68	51
Khandwa . . .	N. 36° E.	N. 24° E.	73	28
Akola	N. 23° E.	N. 20° E.	61	32
Amraoti	N. 60° E.	N. 55° E.	68	42

The steadiness of the winds was very remarkable. The winds over the greater part of India are generally more unsteady during the month of October than at any other period of the year, and cyclonic storms usually originate at this time in the Bay during periods when the winds are most variable and feeblest in North-Eastern India. The steadiness of the winds in the October transition period, to whatever cause it was due, is evidently directly related to the unusual freedom from cyclones during the months of October, November, and December 1887.

On the west coast of India winds were more northerly on the Konkan Coast and more westerly on the Malabar Coast, where the mean wind direction for the month was almost due West. Here, as in Central India and the North Deccan, the chief feature was the steadiness of the winds. For example, at Poona it was 45 per cent. as compared with the normal 17, and at Bombay 75 per cent. as compared with the normal 38 per cent.

On the Madras Coast, and in the Circars, winds were steadier than usual and blew more directly from the east, *e. g.*:—

Stations.	Direction.		Steadiness.	
	Mean wind direction, October 1887.	Normal wind direction, October.	Percentage, October 1887.	Normal percentage, October.
Gopalpur . . .	N. 48° E.	N. 41° E.	36	18
Vizagapatam . . .	N. 63° E.	S. 65° E.	18	18
Secunderabad . .	N. 62° E.	N. 30° E.	67	44
Madras	N. 48° E.	N. 35° E.	19	10

In Burma the winds were more steady than usual and the mean wind directions

indicate very clearly the earlier diversion of the south-west current over the centre and south of the Bay towards the Coromandel Coast than is usual. The following data show this fully:—

Stations.	Direction.		Steadiness.	
	Mean wind direction, October 1887.	Normal wind direction, October.	Percentage, October 1887.	Normal percentage, October,
Nancowry . . .	S. 62° E.	S. 39° W.	44	53
Port Blair . . .	S. 9° E.	S. 5° W.	38	24
Diamond Island . .	S. 63° E.	S. 49° E.	39	18
Akyab	N. 64° E.	S. 35° E	18	12
Mergui	N. 20° E.	S. 79° W.	31	22

November.—The general characteristics of the air motion in this month were very similar to those of the month of October.

The winds in the Punjab were slightly feebler and somewhat more variable than usual. In the North-West Provinces, Behar, and West Bengal they were abnormally steady, especially in the eastern and southern districts. Thus, at Jhansi the percentage giving the steadiness was 28 (the normal being 21), at Allahabad it was 49 (the normal being 21), and at Patna it was 62 per cent. (the normal being 29). In Assam unusually steady north-east winds blew down the valley. North-westerly winds extended over the whole of Bengal, and the winds in East Bengal had a remarkably strong and abnormal westerly component. In the Central Provinces and Assam north-easterly winds prevailed more steadily than usual. In Orissa the directions were more direct east than usual, whilst the opposite deviation was shown by the stations in Berar. The winds were irregular in Sind, whilst in Central India and Rajputana they were fairly normal in character. Winds were unusually steady in the Bombay Deccan, and on the Bombay Coast, *e.g.*:—

Stations.	Direction.		Steadiness.	
	Mean wind direction, November 1887.	Normal wind direction, November.	Percentage, November 1887.	Normal percentage, November.
Surat	N. 67° E.	N. 49° E.	89	37
Malegaon . . .	N. 51° E.	N. 67° E.	62	47
Poona	N. 70° E.	S. 83° E.	82	45

Similarly in Madras, north-east winds of unusual steadiness prevailed.

Stations.	Mean Wind direction, November 1887.	Normal Wind direction, November.	Percentage November 1887.	Normal Percentage, November.
Madras	N 35° E	N 24° E	72	59
Coimbatore . . .	N 74° E	N 78° E	60	49
Negapatam . . .	N 39° E	N 34° E	60	49

The winds at the Bay Islands show the steady diversion of the monsoon current over the south of the Bay from south-west throughout south-east and east to north-east on

the Coromandel Coast. The data for Port Blair and Nancowry, given below, also appear to show that the current was considerably longer in retreating to the south of Port Blair than usual, and was hence unusually steady and persistent at this time:—

Stations.	Mean Wind direction, November 1887.	Normal Wind direction, November.	Percentage, November 1887.	Normal Percentage, November.
Port Blair . . .	S 80° E	N 63° E	52	53
Nancowry . . .	S 73° E	S 39° E	46	42

December.—The south-west monsoon did not retreat from the south of the Bay until the end of December, and no large change of conditions took place in Northern India. Hence the winds continued to present the same general features as in the preceding month. In the Punjab, Rajputana, and Central India they were of normal strength and steadiness. In the North-West Provinces, Behar, Assam, and Bengal they blew from their usual cold weather directions with unusual steadiness. The following are examples:—

Stations.	Percentage, December 1887.	Normal Percentage, December.	Stations.	Percentage, December 1887.	Normal Percentage, December.
Berhampore .	84	62	Patna . .	72	52
Jessore . .	85	66	Gya . . .	46	30
Calcutta . .	86	60	Allahabad .	37	22
Saugor Island .	86	56	Agra . .	35	28
Dhubri . .	83	57			

Abnormally steady north-east winds prevailed over the whole of the Central Provinces, the Deccan, and the Carnatic, *e. g.*:—

Stations.	Direction.		Steadiness.	
	Mean wind direction, December 1887.	Normal wind direction, December.	Percentage, December 1887.	Normal Percentage, December.
Saugor	N 89° E	N 37° E	47	38
Nagpur	N 31° E	N 64° E	78	52
Akola	N 52° E	N 61° E	83	58
Poona	N 78° E	S 78° E	84	56
Belgaum	N 86° E	S 87° E	89	70
Bellary	S 85° E	S 85° E	85	72
Secunderabad . . .	N 78° E	N 63° E	85	74
Madras	N 29° E	N 24° E	85	75

The direction of the air motion on the Madras Coast was more directly from east than usual. Winds were also steadier in Burma except locally at Akyab and Toungoo.

The following data for Port Blair and Nancowry evidence the delay in the withdrawal of the south-west monsoon from the south of the Bay—

Stations.	Mean wind direction, December 1887.	Normal wind direction, December.	Percentage, December 1887.	Normal Percentage, December.
Port Blair . . .	N 82° E	N 51° E	71	72
Nancowry . . .	S 86° E	S 78° E	91	75

In the preceding discussion it has been shown that there were during the year 1887 many striking and prolonged variations from the normal air motion. The relation of these to the barometric anomalies, and the larger rainfall variations of the year will be considered in the concluding discussion. The following is a brief summary of the chief features of the air movement of the year.

The month of January was marked by a succession of storms in Northern India, and hence the air movement was very irregular during the month. During February unusually steady north-westerly and westerly winds prevailed in Northern India, and strong north-east winds in the Bay and Arabian Sea. During the next three months, the hot weather months which precede the rains, the air movement was throughout greater than usual. Strong local sea winds prevailed at the head of the Bay, and during the greater part of April and May violent hot dry winds blew down the Gangetic plain. There were several peculiarities in the air motion in the Central Provinces and Deccan, but they do not appear to have been either important or prolonged into the rains.

The monsoon currents were established over the greater part of India somewhat earlier than usual, specially on the Bengal side, but were feeble for some time. Throughout the whole period of the south-west monsoon up to the end of September, the monsoon winds were unusually weak in the south of the Bay. The current was also directed much more to the east than usual in this part of the Bay. At the head of the Bay, as shown by the wind directions of Saugor Island and False Point, the current had much less westing than usual, or came more directly from the south. This feature was probably due to the Bombay current exercising a less influence than usual in Orissa, Chutia Nagpur, and the north-west angle of the Bay. This is further confirmed by the abnormally heavy rainfall, and accompanying ascensional motion over the Central Provinces. In Central Bengal the air movement showed that the current was deflected more to the west than usual, or diverted from the normal direction in the contrary manner to the variation in the north-west angle of the Bay. The monsoon current in Bengal and Behar was on the whole slightly stronger and steadier than usual. The Bombay current blew very steadily after the 15th June to about the 15th or 20th of September. It advanced more directly across the coast than usual, except over a small area defined by the stations of Karwar, Belgaum, and Mangalore, where the winds had an unusually strong southerly component. Over Rajputana and the adjacent parts of the Punjab and North-West Provinces, there was much irregularity of movement which accompanied excessive rainfall over an area stretching from the Aravallis to Agra, Aligarh, and Sirsa

The Bombay current retreated with remarkable suddenness from Upper and Central India about the 20th September. Light, unsteady monsoon winds prevailed for some time

longer in Behar and Bengal whilst the north-east monsoon was being established in the Madras Coast. The reversion of the south-west current in the south and centre of the Bay through south, south-east, e st to north-east, was effected early in October. There was considerable unsteadiness at first, during which period a storm was generated which crossed the Madras Coast, and passed by a remarkable and unusual path into the North-West Provinces. After the disappearance of this storm the north-east monsoon set in steadily on the Madras coast, and continued over the south and centre of the Bay until nearly the end of December. These north-east monsoon winds had less northing, and blew more directly across the Madras coast than usual. In Northern India steady westerly winds prevailed which extended into Eastern Bengal in December, and in Burma a northerly instead of a north-easterly drift, prevailed in the Irrawaddy Valley and fed into the current in the Bay. Hence normal cold-weather or north-east monsoon proper conditions were not established until quite the end of December.

HYGROMETRY.

The hygrometric data for the year are given in Tables X, XI and XII of the Appendix. The first of these gives the monthly means of the readings of the wet-bulb thermometer at each hour of observation, of the minimum wet-bulb, the mean range, and the adopted mean wet-bulb temperature of each month (which, in nearly all cases, is the average of the 10h., 16h., and minimum readings), and the difference of these several values and the corresponding air temperatures. The mode of exposure adopted for the hygrometers has been already described in the section on air temperature, and is such that the wet-bulb is freely exposed to the wind. It has been found that when a gentle, or even moderately strong, breeze is blowing, the temperature of the wet-bulb thermometer approximates very closely to that assumed in Regnault's hygrometric formula; but in a perfectly calm state of the atmosphere, the vapour which is given off from the wet-bulb is not removed with sufficient rapidity, and the temperature marked is somewhat too high. The free exposure of the thermometer under an open shed reduces this cause of error to a minimum; but at certain seasons of the year, and at certain stations it probably still affects the readings to some small extent.

The second Table (XI of the Appendix) shows the mean vapour tensions of the several months, the monthly means of observation for the two hours (10 A.M. and 4 P.M.) and those deduced from the readings of the minimum dry and wet-bulbs; and the third Table (XII of Appendix) gives the mean relative humidities similarly obtained. In all cases, including the Ceylon stations, the hygrometric data are taken from the tables accompanying the *Vade Mecum*, which are computed to the vapour tension of lat. 22°, by means of Regnault's modification of August's formula. In these, a constant barometric pressure is assumed for the same station, *viz.* 29·7 inches for stations up to 1,000 feet elevation, 27·7 inches for stations between 1,000 and 3,000 feet, 25·8 inches for those between 3,000 feet and 5,000 feet, 235 inches for the hill stations of the Nilgiris and the Himalayas, all of which are between 6,000 and 8,000 feet, and 19·7 inches for the hill stations of Leh and Kailang, which are at elevations of between 10,000 and 11,500 feet.

The four tables which follow (Tables XIX to XXII) show the average vapour tension and relative humidity at 126 stations in India, Burma, &c., computed from as many years as have yielded comparable data, and the differences of these averages and those of the year 1887. In these tables of averages there have been included only two classes of data, namely, those deduced from the 10h., 16h., and minimum readings, and those formerly recorded at six-hourly intervals at certain stations. The differences between the results obtained by these two methods are small, and not sufficient seriously to affect the general validity of the averages; and they may be used as a fair approximation for the purpose of comparison until such time as a discussion of the hourly observations, recorded for some years past at several of the leading stations, shall afford the means of correcting the whole, more accurately, to a common standard.

In the case of the Ceylon stations and Dehra, the averages given are those of the observations of 9h. 30m. and 15h. 30m. only.

Tables XXIII and XXIV give geographical summaries of the data of Tables XXI and XXII, on a plan similar to that adopted in the cases of Tables XIII and XVI, in previous sections of this report—

TABLE XIX.—*Average monthly mean vapour tension of 126 stations in India, Ceylon, &c.*

Stations.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Aden . . .	5—8	·640	·644	·703	·760	·839	·838	·802	·797	·845	·723	·646	·638	·740
Mauritius . .	16—17	·744	·745	·736	·698	·608	·538	·510	·510	·523	·557	·610	·695	·623
Bushire . . .	9—11	·350	·343	·398	·509	·658	·778	·884	·935	·836	·637	·498	·394	·602
Amini Divi . .	3—4	?	?	·850	?	·910	·840	·886	·883	·857	·865	·828	·788	?
Quetta . . .	8—10	·162	·166	·210	·249	·286	·373	·466	·397	·257	·206	·153	·144	·256
Leh . . .	6—7	·069	·072	·098	·104	·122	·174	·243	·264	·172	·100	·082	·075	·131
Mooltan . .	10—13	·258	·256	·370	·433	·570	·742	·874	·879	·793	·524	·345	·264	·526
Dera Ismail Khan .	11—12	·223	·214	·318	·387	·453	·647	·833	·845	·675	·405	·270	·222	·458
Peshawar . .	11—12	·229	·226	·327	·407	·430	·515	·717	·766	·603	·380	·272	·230	·425
Murree . .	10—11	·142	·150	·190	·233	·266	·362	·533	·553	·422	·240	·160	·138	·282
Rawalpindi . .	11—13	·254	·257	·346	·417	·497	·612	·782	·812	·658	·415	·282	·241	·464
Sialkot . . .	10—13	·298	·300	·383	·405	·461	·631	·857	·879	·743	·467	·326	·296	·504
Lahore . . .	13	·270	·272	·349	·384	·438	·605	·856	·856	·725	·464	·314	·279	·484
Ludhiana . .	9—13	·286	·295	·365	·419	·504	·627	·860	·864	·700	·489	·305	·274	·499
Chamba . .	3—4	·233	·213	·274	·311	·359	·457	·736	·736	·543	·350	·236	·199	·387
Simla . . .	7—10	·159	·153	·200	·253	·302	·417	·544	·536	·458	·265	·181	·146	·301
Delhi . . .	10—13	·284	·265	·340	·361	·504	·695	·875	·851	·754	·485	·321	·271	·500
Sirsa . . .	10—12	·247	·240	·336	·382	·482	·632	·827	·800	·677	·392	·258	·235	·459
Chakrata . .	10—12	·157	·157	·192	·209	·281	·407	·543	·539	·471	·281	·195	·150	·299
Roorkee . .	11—12	·286	·279	·332	·321	·423	·635	·869	·857	·770	·496	·331	·282	·490

TABLE XIX.—*Average monthly mean vapour tension of 126 stations in India, Ceylon, &c.*—continued.

Stations.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Ranikhet . .	12	·192	·190	·234	·262	·327	·463	·578	·569	·512	·330	·242	·194	·341
Pithoragarh . .	6—7	·221	·201	·254	·270	·368	·533	·645	·628	·574	·378	·266	·220	·380
Meerut . .	10—12	·289	·284	·369	·408	·501	·679	·878	·865	·754	·501	·326	·284	·512
Bareilly . .	11—12	·316	·312	·407	·431	·580	·762	·919	·902	·826	·564	·373	·309	·558
Agra . . .	12	·291	·262	·319	·340	·449	·667	·904	·885	·781	·494	·307	·281	·498
Lucknow . .	12	·301	·284	·366	·416	·554	·764	·916	·908	·839	·579	·351	·304	·549
Gorakhpur . .	10—12	·352	·338	·431	·464	·674	·860	·950	·948	·904	·686	·444	·366	·618
Jhansi . . .	12	·281	·253	·309	·346	·446	·673	·855	·848	·767	·505	·295	·264	·487
Allahabad . .	12—14	·347	·327	·379	·405	·548	·767	·958	·948	·899	·644	·412	·349	·582
Benares . .	11—12	·318	·284	·335	·359	·537	·760	·924	·924	·868	·652	·392	·319	·556
Ghazipur . .	3	?	?	?	?	·589	·804	·940	·935	·879	·660	·423	·379	?
Katmandu . .	7—8	·246	·235	·309	·354	·489	·630	·684	·670	·627	·478	·332	·268	·444
Sibsagar . .	13	·418	·441	·539	·661	·779	·914	·944	·938	·915	·787	·581	·446	·697
Dhubri . .	6—7	·423	·377	·498	·653	·781	·900	·947	·925	·895	·785	·575	·466	·685
Silchar . . .	13	·423	·436	·583	·717	·791	·907	·932	·919	·903	·810	·615	·472	·709
Darjeeling . .	10—12	·219	·206	·254	·316	·398	·491	·519	·506	·481	·368	·264	·212	·353
Pedong . .	3	?	·267	·340	·419	·514	·635	·668	·644	·618	·512	·370	·300	?
Purneah . .	9—12	·365	·366	·460	·594	·772	·918	·978	·969	·942	·766	·519	·412	·672
Durbhunga . .	10—12	·397	·373	·457	·556	·764	·914	·970	·962	·942	·771	·533	·431	·673
Patna . . .	12—13	·361	·351	·411	·471	·697	·880	·960	·957	·918	·703	·457	·374	·628
Gya . . .	12—13	·317	·307	·389	·537	·694	·843	·921	·920	·889	·658	·417	·333	·602
Hazaribagh . .	11—13	·267	·243	·296	·303	·492	·695	·820	·802	·765	·547	·346	·272	·487
Berhampore . .	12—13	·389	·390	·516	·630	·803	·932	·958	·946	·934	·792	·554	·429	·689
Burdwan . .	12—13	·400	·403	·545	·658	·823	·937	·959	·950	·938	·801	·543	·413	·698
Jessore . . .	12—13	·418	·438	·616	·772	·882	·974	·984	·970	·957	·846	·589	·445	·741
Dacca . . .	12	·432	·444	·630	·804	·881	·971	·983	·974	·968	·859	·623	·478	·754
Chittagong . .	11—12	·464	·503	·681	·814	·858	·828	·910	·907	·914	·855	·684	·522	·745
Calcutta (*Alipore*) .	10—11	·437	·491	·673	·809	·889	·971	·973	·968	·958	·848	·585	·444	·754
Do. (*Chowringhee*).	6—8	·461	·487	·671	·789	·894	·982	·985	·970	·963	·850	·579	·462	·758
Saugor Island .	19—20	·530	·627	·821	·939	·984	1·026	1·003	·995	·982	·864	·635	·503	·826
Cuttack . .	11—12	·474	·517	·660	·763	·825	·893	·900	·908	·902	·790	·582	·458	·723
False Point . .	7—10	·533	·615	·769	·891	·943	·959	·933	·932	·930	·833	·607	·487	·786
Sambalpur . .	10—12	·450	·467	·538	·557	·696	·832	·902	·908	·903	·778	·543	·429	·667
Raipur . .	12—13	·361	·356	·379	·422	·488	·731	·828	·827	·807	·655	·443	·349	·554

TABLE XIX.—*Average monthly mean vapour tension of 126 stations in India, Ceylon, &c.*—continued.

Stations.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Nagpur . .	12—13	·356	·323	·332	·355	·436	·708	·809	·792	·766	·589	·405	·344	·518
Seoni . . .	11	·322	·301	·313	·346	·435	·669	·751	·739	·697	·521	·350	·301	·479
Jubbulpore . .	11—13	·328	·306	·332	·328	·407	·693	·814	·803	·773	·575	·366	·304	·502
Saugor . . .	9—11	·273	·240	·278	·301	·365	·612	·771	·785	·725	·507	·296	·265	·452
Pachmarhi . .	12—13	·277	·236	·248	·250	·355	·597	·672	·662	·628	·448	·301	·267	·412
Hoshangabad .	11—12	·342	·301	·316	·328	·446	·733	·827	·817	·785	·608	·387	·338	·519
Khandwa . .	11—13	·339	·316	·312	·344	·499	·711	·779	·763	·739	·554	·359	·326	·503
Chanda . .	10—12	·415	·398	·408	·428	·496	·734	·803	·811	·809	·699	·504	·403	·576
Sironcha . .	10—12	·457	·476	·506	·550	·605	·773	·829	·846	·838	·731	·565	·454	·636
Chikalda . .	11—12	·318	·291	·305	·276	·379	·588	·652	·643	·629	·480	·369	·311	·437
Buldana . .	9—12	·332	·294	·303	·331	·475	·678	·716	·704	·687	·561	·414	·347	·487
Akola . . .	11—12	·324	·278	·287	·281	·408	·676	·759	·743	·731	·583	·392	·329	·483
Amraoti . .	11—12	·337	·311	·318	·348	·438	·698	·767	·750	·727	·550	·391	·333	·497
Neemuch . .	9—11	·226	·211	·270	·277	·389	·607	·742	·734	·689	·443	·254	·231	·423
Nowgong . .	8—11	·289	·264	·317	·352	·407	·714	·869	·853	·794	·546	·323	·298	·502
Sutna . . .	11—12	·271	·221	·247	·253	·372	·632	·827	·821	·762	·518	·294	·250	·456
Indore . . .	9—10	·268	·226	·244	·253	·415	·666	·752	·741	·707	·503	·304	·259	·445
Bickaneer . .	7—11	·191	·235	·324	·411	·497	·632	·715	·738	·706	·470	·252	·188	·447
Jeypore . .	7	·283	·245	·308	·307	·441	·678	·850	·799	·690	·429	·278	·273	·465
Sambhar . .	5—8	·259	·212	·273	·323	·447	·631	·807	·778	·669	·426	·252	·245	·444
Ajmere . .	11—12	·269	·252	·341	·393	·530	·668	·773	·772	·699	·473	·302	·267	·478
Mount Abu . .	8—12	·195	·169	·204	·241	·342	·557	·625	·602	·545	·343	·230	·212	·355
Pachpadra . .	6—9	·227	·172	·272	·381	·567	·732	·817	·771	·691	·428	·224	·210	·458
Jacobabad . .	9—11	·221	·213	·329	·397	·484	·679	·818	·816	·706	·457	·307	·236	·472
Hyderabad . .	8—11	·281	·273	·395	·504	·635	·745	·802	·790	·750	·484	·371	·276	·526
Kurrachee . .	12—13	·353	·401	·596	·701	·887	·949	·917	·849	·832	·651	·446	·378	·663
Bhuj . . .	9—12	·287	·291	·394	·483	·660	·785	·815	·771	·728	·525	·306	·274	·527
Rajkot . .	7—11	·227	·235	·315	·376	·590	·720	·780	·761	·731	·539	·290	·266	·486
Deesa . . .	13	·265	·226	·319	·358	·596	·736	·828	·796	·740	·457	·284	·268	·489
Surat . . .	10—11	·395	·386	·498	·572	·749	·825	·864	·844	·835	·706	·504	·426	·634
Malegaon . .	9—11	·289	·303	·315	·324	·491	·690	·713	·688	·677	·546	·379	·322	·478
Bombay . .	41	·579	·605	·715	·817	·881	·928	·912	·882	·869	·845	·699	·621	·779
Poona . . .	12—13	·326	·289	·324	·383	·514	·683	·695	·681	·670	·555	·419	·333	·489
Sholapur . .	10—11	·343	·308	·325	·370	·458	·607	·644	·650	·655	·578	·458	·376	·481

TABLE XIX.—*Average monthly mean vapour tension of 126 stations in India, Ceylon, &c.*—continued.

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Ratnagiri . .	11	·559	·591	·714	·794	·827	·847	·859	·850	·837	·799	·666	·565	·742
Belgaum . .	12—13	·357	·334	·414	·515	·595	·660	·668	·654	·644	·590	·469	·381	·523
Karwar . .	8—10	·595	·647	·761	·828	·853	·841	·826	·830	·818	·818	·718	·612	·762
Vizagapatam .	18	·584	·643	·747	·839	·909	·884	·853	·877	·884	·817	·654	·549	·770
Rajahmundry .	3—4	·507	·523	·624	·685	·723	·778	·807	·808	·793	·752	·593	·515	·676
Masulipatam .	12—13	·628	·669	·778	·894	·925	·866	·847	·861	·857	·845	·734	·637	·795
Secunderabad .	13	·406	·400	·435	·470	·503	·634	·673	·676	·689	·601	·480	·411	·532
Kurnool . .	3—5	·490	·452	·545	·616	·669	·733	·744	·744	·750	·739	·622	·544	·637
Bellary . .	12—13	·404	·352	·374	·471	·563	·651	·656	·661	·658	·628	·536	·460	·535
Mangalore . .	7—8	·608	·672	·798	·863	·858	·854	·839	·834	·826	·830	·753	·640	·781
Mercara . .	7—8	·425	·398	·488	·589	·619	·606	·583	·586	·578	·587	·540	·465	·539
Bangalore . .	12—13	·399	·394	·456	·536	·592	·617	·607	·608	·599	·591	·528	·456	·532
Cuddapah . .	3—4	·541	·518	·559	·570	·651	·706	·711	·729	·728	·751	·665	·609	·643
Madras . .	13	·631	·652	·759	·851	·852	·788	·769	·797	·797	·812	·750	·685	·762
Salem . . .	13	·563	·548	·620	·720	·768	·756	·743	·754	·746	·753	·695	·623	·691
Wellington . .	10—11	·306	·277	·332	·389	·443	·441	·419	·437	·422	·442	·413	·351	·389
Coimbatore . .	12—13	·500	·492	·586	·662	·694	·678	·659	·677	·667	·687	·648	·569	·627
Trichinopoly .	13	·606	·604	·665	·719	·736	·718	·700	·720	·722	·764	·731	·665	·696
Negapatam . .	12—13	·684	·681	·776	·878	·863	·786	·765	·797	·807	·821	·779	·728	·780
Madura . .	9—12	·619	·609	·671	·729	·741	·710	·693	·712	·712	·744	·724	·670	·695
Cochin . .	13	·690	·742	·838	·884	·891	·855	·836	·831	·831	·832	·810	·735	·815
Colombo . .	18	·743	·759	·823	·870	·893	·864	·846	·839	·838	·828	·810	·771	·824
Jaffna . . .	17	·734	·731	·828	·939	·997	·957	·918	·923	·924	·903	·853	·798	·875
Trincomalee . .	15—17	·751	·758	·817	·839	·826	·810	·794	·789	·784	·803	·820	·793	·799
Batticaloa . .	17—18	·790	·792	·844	·888	·894	·853	·845	·855	·851	·864	·844	·817	·845
Hambantota .	15—18	·816	·824	·860	·902	·912	·883	·869	·872	·869	·866	·862	·836	·864
Galle . . .	18—19	·839	·841	·866	·912	·937	·927	·916	·905	·918	·904	·886	·855	·892
Kandy . .	17—18	·645	·624	·666	·731	·759	·733	·715	·710	·705	·712	·704	·679	·699
Newra Eliya .	16—18	·380	·346	·359	·401	·445	·448	·430	·432	·427	·435	·419	·404	·411
Akyab . .	10—12	·498	·518	·682	·815	·882	·915	·915	·908	·908	·879	·755	·588	·772
Thayetmyo . .	9—11	·471	·451	·591	·709	·833	·889	·899	·891	·888	·865	·729	·565	·732
Toungoo . .	8—10	·523	·532	·629	·728	·814	·860	·866	·866	·877	·864	·766	·634	·748
Bassein . .	10—11	·563	·583	·693	·787	·858	·901	·892	·891	·891	·887	·805	·661	·784
Diamond Island .	8—10	·636	·677	·777	·861	·897	·889	·880	·880	·879	·878	·809	·704	·814

TABLE XIX.—*Average monthly mean vapour tension of 126 stations in India, Ceylon, &c.* —concluded.

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Rangoon . .	11—12	·561	·567	·671	·792	·867	·902	·887	·893	·895	·896	·796	·675	·784
Moulmein . .	9—11	·565	·602	·716	·793	·852	·869	·858	·863	·867	·864	·755	·645	·771
Mergui . .	10—11	·712	·781	·835	·883	·887	·856	·846	·853	·850	·851	·786	·694	·820
Port Blair . .	10—12	·796	·816	·876	·932	·943	·915	·900	·899	·895	·914	·885	·835	·884
Nancowry . .	12—13	·794	·809	·837	·885	·889	·882	·871	·861	·854	·863	·852	·808	·850

TABLE XX.—*Average monthly mean relative humidity of 126 stations in India, Ceylon, &c.*

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Aden . . .	6—8	72	71	72	69	68	53	66	66	66	64	67	70	67
Mauritius . .	16—17	75	76	77	77	75	73	79	73	71	71	71	74	74
Bushire . .	9—11	62	70	68	64	60	63	64	66	65	63	66	71	65
Amini Divi . .	3—4	?	?	78	?	75	87	87	86	84	84	82	78	?
Quetta . .	8—10	67	66	57	50	42	42	49	45	38	43	48	55	50
Leh . . .	6—7	64	63	58	43	39	39	43	48	42	41	49	58	49
Mooltan . .	10—13	59	52	51	44	42	49	59	63	61	54	53	56	54
Dera Ismail Khan .	11—12	54	47	47	43	37	43	59	61	54	44	47	51	49
Peshawar . .	11—12	63	58	57	54	41	38	53	60	56	48	55	61	54
Murree . .	10—11	59	63	54	50	45	46	74	82	67	46	43	49	57
Rawalpindi . .	12—13	73	69	63	55	48	47	59	72	65	55	59	66	61
Sialkot . .	10—13	72	68	58	43	39	45	67	72	65	53	57	69	59
Lahore . .	19—22	62	56	49	37	33	38	59	62	56	47	48	56	50
Ludhiana . .	9—13	68	62	54	47	44	47	69	71	66	54	52	61	58
Chamba . .	3—4	72	63	55	50	48	48	78	83	67	55	51	55	60
Simla . . .	7—10	61	56	52	48	50	63	89	91	79	53	49	47	62
Delhi . . .	10—13	58	48	43	32	38	48	70	70	65	50	45	52	52
Sirsa . . .	10—12	56	48	44	35	36	42	61	62	56	40	40	50	48
Chakrata . .	11—13	63	62	53	44	51	66	91	91	83	60	55	52	64
Roorkee . .	18—20	65	60	49	34	36	51	76	77	72	59	56	62	5
Ranikhet . .	13	63	59	54	45	52	64	86	87	80	61	57	56	6
Pithoragarh . .	6—7	67	57	53	43	55	70	85	85	79	62	58	57	64
Meerut . . .	12—13	65	55	50	38	41	49	73	75	68	57	54	62	57

TABLE XX.—*Average monthly mean relative humidity of 126 stations in India, Ceylon, &c.* —continued.

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Bareilly	11—13	67	60	54	40	46	57	78	79	74	62	59	64	62
Agra	12—13	57	46	38	29	32	44	73	75	67	49	44	53	51
Lucknow	12—13	60	50	43	35	42	55	75	78	73	61	54	59	57
Gorakhpur	11—13	67	58	50	40	55	68	80	83	78	70	61	66	65
Jhansi	12—13	50	41	34	28	30	47	76	78	70	50	40	46	49
Allahabad	12—13	69	56	43	33	40	55	81	83	80	69	64	69	62
Benares	17—19	63	53	41	34	40	58	80	82	78	66	60	63	60
Ghazipur	3	?	?	?	?	45	60	79	82	76	63	56	66	?
Katmandu	7—8	73	64	62	58	68	75	79	81	78	73	72	73	71
Sibsagar	13	86	81	79	81	82	83	83	84	85	85	84	85	83
Dhubri	6—7	77	64	61	68	80	87	85	86	87	81	76	77	77
Silchar	16—18	75	70	72	76	80	85	85	86	84	81	76	76	79
Darjeeling	18—20	79	78	73	75	87	95	95	94	95	81	81	75	84
Pedong	3	?	75	70	73	83	91	94	94	91	86	80	79	?
Purneah	8—11	68	61	55	55	69	79	84	86	84	77	70	71	72
Durbhunga	10—12	72	63	54	51	66	77	83	84	83	77	70	75	71
Patna	16—18	67	57	46	41	55	69	82	83	80	70	62	65	65
Gya	15—16	55	45	39	39	49	63	79	81	77	65	55	57	59
Hazaribagh	17—20	51	42	35	29	42	66	85	85	82	65	53	52	57
Berhampore	18—20	70	64	57	59	72	83	87	87	86	79	73	72	74
Burdwan	12—13	64	56	55	55	67	77	83	84	83	75	66	64	69
Jessore	17—18	68	62	62	67	76	84	87	87	86	81	72	69	75
Dacca	19—20	69	64	67	73	80	87	87	87	86	81	72	71	77
Chittagong	19—20	73	70	74	77	80	86	87	87	86	83	79	76	80
Calcutta (*Alipore*)	10—11	71	68	69	71	76	84	87	88	88	84	74	72	78
Do. (*Chowringhee.*)	6—8	69	64	67	67	77	86	89	90	88	82	70	70	77
Saugor Island	18—20	76	76	79	80	80	84	86	87	86	82	75	74	80
Cuttack	19—20	65	63	62	63	65	74	81	81	81	75	68	66	70
False Point	13—15	79	79	82	84	83	83	85	85	84	80	73	75	81
Sambalpur	10—12	66	58	51	43	48	66	84	84	81	75	67	66	66
Raipur	12—13	55	47	39	34	35	62	82	82	78	68	59	56	58
Nagpur	12—13	52	40	31	27	29	61	80	78	75	61	53	52	53
Seoni	11	53	43	34	30	34	63	81	81	75	60	51	52	55

TABLE XX.—*Average monthly mean relative humidity of 126 stations in India, Ceylon, &c.* —continued.

Stations.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Jubbulpore	11—13	60	50	38	29	30	59	82	82	78	66	57	58	57
Saugor	9—11	48	38	31	26	28	52	79	83	76	57	43	45	51
Pachmarhi	12—13	54	42	32	26	32	66	90	90	82	63	54	54	57
Hoshangabad	11—12	54	43	33	26	30	59	82	83	78	64	54	56	55
Khandwa	11—13	51	42	32	28	35	65	77	78	75	59	49	52	54
Chanda	10—12	60	50	40	33	33	60	77	78	78	72	66	62	59
Sironcha	10—12	62	54	45	40	41	65	80	81	80	72	68	65	63
Chikalda	11—12	53	42	34	27	36	71	92	93	89	65	56	54	59
Buldana	9—12	47	36	29	27	38	66	80	81	79	63	53	51	54
Akola	11—12	48	36	27	22	28	57	75	74	74	62	52	52	51
Amraoti	11—12	47	37	30	26	31	62	79	78	75	58	49	48	52
Neemuch	9—11	42	35	31	25	30	51	75	77	72	48	37	41	47
Nowgong	8—11	57	46	37	29	32	52	78	78	73	58	51	58	54
Sutna	11—12	52	39	30	23	28	49	77	78	72	57	45	48	50
Indore	9—10	45	35	29	23	32	61	82	82	78	57	45	47	51
Bickaneer	7—11	37	38	36	32	33	40	51	57	55	41	34	34	41
Jeypore	7	54	42	37	27	33	51	77	76	66	45	42	50	50
Sambhar	5—8	51	37	34	28	33	47	73	73	62	43	35	46	47
Ajmere	13	51	44	41	35	39	50	70	75	67	50	45	50	51
Mount Abu	8—12	40	32	29	28	35	66	87	89	76	45	37	41	50
Pachpadra	6—9	44	31	33	34	42	51	66	68	61	42	34	40	46
Jacobabad	9—11	47	39	40	36	34	42	53	57	54	45	45	47	45
Hyderabad	8—11	49	42	42	42	45	52	61	64	62	44	46	46	50
Kurrachee	12—13	56	57	66	68	74	74	78	78	76	64	55	56	67
Bhuj	9—12	44	40	42	44	52	61	72	71	67	40	36	39	51
Rajkot	7—11	35	33	35	36	47	59	72	73	72	50	34	34	49
Deesa	12—13	38	29	30	28	40	53	75	74	68	43	34	38	46
Surat	10—11	54	49	52	50	60	69	81	80	79	67	56	56	63
Malegaon	9—11	42	37	31	27	39	63	73	72	71	58	48	47	51
Bombay	32	70	69	73	75	74	82	87	87	86	81	71	70	77
Poona	12—13	41	32	29	30	44	70	80	79	77	59	47	42	53
Sholapur	10—11	43	34	29	28	36	58	66	68	70	61	53	49	50
Ratnagiri	11	60	63	69	69	69	79	85	85	84	76	64	59	72

TABLE XX.—*Average monthly mean relative humidity of 126 stations in India, Ceylon, &c.* —continued.

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Belgaum . .	12—13	47	38	41	50	60	81	89	88	85	72	58	50	63
Karwar . .	8—10	69	73	74	73	74	84	87	88	87	85	77	69	78
Vizagapatam .	18	65	65	66	67	69	68	71	72	74	72	65	63	68
Rajahmundry .	3—4	59	53	55	52	54	64	75	74	71	72	64	61	63
Masulipatam .	12—13	73	72	73	74	71	68	73	75	76	79	78	75	74
Secunderabad .	13	55	46	40	37	39	60	73	73	75	67	61	58	57
Kurnool . .	3—5	60	47	46	45	48	65	73	73	72	74	71	69	62
Bellary . .	12—13	50	37	33	34	43	58	63	64	64	65	61	58	53
Mangalore . .	7—8	64	68	73	73	75	87	90	89	87	84	75	66	78
Mercara . .	7—8	70	58	64	73	81	94	96	94	92	88	83	76	81
Bangalore . .	12—13	61	52	50	53	62	74	77	77	76	76	73	69	67
Cuddapah . .	3—4	60	50	44	39	44	55	60	64	64	72	72	71	58
Madras . .	13	73	72	73	73	67	63	65	70	71	78	80	77	72
Salem . . .	13	64	57	53	58	65	69	70	74	73	77	76	72	67
Wellington . .	10—11	70	57	59	63	70	75	73	77	76	84	84	78	72
Coimbatore . .	12—13	60	53	55	58	65	71	71	73	71	74	73	68	66
Trichinopoly .	13	68	62	58	55	57	57	58	62	64	73	77	75	64
Negapatam . .	12—13	75	71	72	73	70	65	65	71	72	78	81	81	73
Madura . .	9—12	66	61	59	58	60	59	58	62	63	72	74	73	64
Cochin . .	13	70	72	75	77	81	88	88	87	86	84	81	75	80
Colombo . .	17—18	74	72	76	77	79	80	80	80	79	80	79	76	78
Jaffna . . .	17	77	73	73	75	82	82	81	82	83	83	84	83	80
Trincomalee . .	15—17	78	74	75	71	67	67	66	68	69	73	81	81	73
Batticaloa . .	17—18	82	80	80	78	76	71	71	74	75	80	84	85	78
Hambantota .	15—18	84	82	82	82	85	84	82	83	83	84	85	90	84
Galle . . .	17—18	87	83	83	85	87	90	90	89	90	90	89	88	87
Kandy . .	17—18	76	71	68	74	76	81	76	79	79	80	80	79	77
Newera Eliya .	15—17	81	73	72	78	84	89	88	87	86	87	85	84	83
Akyab . . .	17—19	72	69	73	74	78	87	89	88	85	83	80	76	80
Bayetmyo . .	9—11	67	58	55	55	68	82	84	84	82	80	77	72	72
Bungoo . .	8—10	70	63	60	61	71	84	87	88	84	81	80	77	76
Bassein . .	10—11	71	67	68	68	76	88	89	90	89	86	81	76	79
Diamond Island .	8—10	71	72	76	76	71	86	88	88	87	84	80	75	80
Rangoon . .	11—12	66	63	65	67	77	89	90	91	89	85	79	73	78

TABLE XX.—*Average monthly mean relative humidity of 126 stations in India, Ceylon, &c.* —concluded.

Stations.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Moulmein	9—11	64	63	66	69	77	89	90	90	88	81	74	62	76
Mergui	10—11	73	76	77	79	83	89	89	89	89	86	80	74	82
Port Blair	10—12	77	78	78	78	84	87	86	87	88	87	84	81	83
Nancowry	12—13	75	74	74	77	80	82	82	82	81	83	82	79	79

TABLE XXI.—*Comparison of monthly mean vapour tension in 1887, with the averages of Table XIX.*

Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Aden	+·008	—·051	—·035	—·040	—·083	—·035	—·045	+·026	+·050	+·012	+·013	+·018	—·014
Mauritius	+·008	—·040	+·011	—·049	+·010	—·032	—·008	—·050	—·029	+·004	—·032	—·066	—·023
Bushire	—·029	—·024	—·031	+·037	P	P	P.	—·002	+·010	+·027	+·017	+·036	P.
Amini Divi	P	P	—·001	P	—·055	+·016	—·044	—·046	—·033	—·032	—·013	—·023	P
Quetta	+·004	+·011	—·076	—·025	—·054	—·033	+·001	+ 046	+·038	+·041	—·011	+·012	—·004
Leh	—·007	P	P	—·001	—·006	—·023	—·015	—·001	—·032	+·006	+·008	+·008	P
Mooltan	P.	P	P	—·033	—·223	—·306	P	+·016	+·011	+·013	—·019	+·026	P
Dera Ismail Khan	—·041	—·039	—·111	—·108	—·149	—·081	+·020	—·028	—·111	—·039	—·042	—·023	—·063
Peshawar	—·012	+·022	—·040	—·046	—·087	—·071	+·125	+·056	—·045	+·017	+·001	—·005	—·007
Murree	+·011	+·055	+·040	—·030	—·082	—·094	+·040	+·021	—·075	—·002	—·027	—·006	—·012
Rawalpindi	—·009	—·050	—·061	—·092	—·117	—·199	+·032	+·022	—·108	—·034	—·064	—·009	—·057
Sialkot	0	—·020	—·037	+·110	+·102	—·014	+·058	+·033	—·050	—·017	+·016	—·012	+·014
Lahore	—·012	—·051	—·071	—·041	—·123	—·044	+·033	+·079	—·043	—·037	—·045	—·019	—·031
Ludhiana	+·020	—·072	—·077	—·091	—·137	—·059	—·005	+·070	+·008	—·010	—·018	+·001	—·031
Chamba	—·006	+·006	—·035	—·028	—·092	—·078	—·094	—·094	—·012	—·002	—·022	—·010	—·024
Simla	—·002	—·097	—·036	—·039	P	—·040	—·003	—·005	—·080	—·003	—·018	—·011	P
Delhi	+·011	—·075	—·045	—·043	—·065	—·091	+·018	+·045	+·015	+·021	—·009	+·025	—·016
Sirsa	0	—·012	—·014	+·057	—·042	—·026	+·032	+·117	+·005	+·053	+·016	+·027	+·018
Chakrata	+·001	—·010	—·028	+·002	—·020	—·032	+·009	+·004	—·008	+·029	—·007	+·006	—·005
Roorkee	+·010	—·027	—·050	—·010	—·010	—·023	—·006	+·027	—·008	+·012	+·003	—·092	—·007
Ranikket	+·005	+·017	+·015	+·049	—·001	—·020	+·014	+·014	—·004	+·009	+·003	+·001	+·009
Pithoragarh	—·010	0	—·015	+ 031	+·034	—·012	+·005	+·008	—·003	+·014	+·011	—·002	+·005
Meerut	+·007	—·066	—·085	—·088	—·025	—·016	+·051	+·055	0	+·007	—·014	+·003	—·014
Bareilly	+·013	+·019	+·061 P	+·151 P	+·314 P	+·083 P	+·005	+·017	+·003	—·015	P	+·031	P.
Agra	+·032	—·027	—·059	—·021	—·027	—·009	+·021	+ 064	+·024	+·049	+·013	+·035	+·008

TABLE XXI.—*Comparison of monthly mean vapour tension in 1887, with the averages of Table XIX* —continued.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Lucknow	+·015	—·066	—·061	+·013	—·009	+·023	+·004	+·013	—·013	—·030	—·004	+·001	—·010
Gorakhpur	—·005	—·023	—·046	+·041	+·011	+·009	—·029	—·021	—·057	—·036	+·015	—·003	—·012
Jhansi	+·026	—·025	—·057	—·046	—·013	—·018	+·047	+·047	+·020	+·010	+·049	+·038	+·007
Allahabad	+·020	—·073	—·059	—·025	—·029	+·015	—·014	+·006	—·051	—·041	—·007	—·016	—·023
Benares	+·029	—·055	—·047	—·004	—·028	+·034	—·013	+·003	—·044	—·042	+·003	+·004	—·013
Ghazipur	?	?	?	?	+·027	+·076	—·007	—·003	—·039	—·053	—·021	—·034	?
Katmandu	—·011	+·012	—·013	+·054	+·029	+·007	—·008	—·018	+·001	—·013	+·030	—·018	+·004
Sibsagar	+·004	—·004	+·026	+·013	+·070	+·002	+·035	+·013	+·038	+·012	—·008	—·022	+·015
Dhubri	—·014	+·024	+·033	+·027	+·034	—·013	+·008	—·007	+·001	—·019	+·026	—·027	+·006
Silchar	—·001	—·038	+·010	—·033	+·046	—·004	+·001	—·005	+·009	—·010	+·008	—·046	—·005
Darjeeling	?	+·008	+·001	+·016	+·020	—·018	—·004	—·011	—·009	—·005	+·009	—·013	?
Pedong	?	+·014	—·002	+·027	+·030	—·002	—·002	—·012	+·010	—·019	+·011	—·026	?
Purneah	+·005	—·014	—·041	+·008	+·002	+·024	+·014	—·015	—·015	+·009	+·027	—·008	0
Durbhunga	+·003	—·005	+·009	+·087	+·048	+·004	+·010	—·010	—·021	—·028	+·060	—·015	—·012
Patna	+·020	—·036	+·022	+·099	+·054	+·143	+·101	+·071	+·019	—·025	+·050	+·003	+·044
Gya	+·019	+·021	+·155	+·183	+·079	+·068	—·010	—·029	—·039	—·031	+·016	—·008	+·035
Hazaribagh	+·025	—·056	—·036	—·034	+·015	+·057	—·003	+·005	—·041	—·040	—·013	—·018	—·012
Berhampore	+·017	—·021	—·004	+·040	+·047	+·038	+·011	+·017	+·022	+·008	+·025	—·003	+·016
Burdwan	—·042	—·098	—·077	—·049	+·003	—·035	—·047	—·062	—·071	—·099	—·068	—·068	—·059
Jessore	—·012	—·049	—·038	—·015	+·017	+·009	—·006	—·005	—·009	—·053	+·001	—·021	—·015
Dacca	—·013	—·036	—·030	—·033	+·008	—·002	—·012	—·010	—·013	—·055	+·020	—·016	—·016
Chittagong	—·021	—·033	+·031	—·024	+·015	+·081	—·008	—·017	—·019	—·028	—·004	—·008	—·003
Calcutta (*Alipore*)	—·006	—·067	+·009	—·032	+·032	—·001	—·005	—·004	—·002	—·052	—·004	—·034	—·014
Ditto (*Chowringhee*)	—·012	—·041	—·012	—·024	+·045	+·022	—·005	0	—·002	—·048	+·010	—·036	—·009
Saugor Island	—·025	—·067	+·041	+·003	—·003	+·008	—·027	—·037	—·016	—·056	—·011	—·049	—·020
Cuttack	+·012	—·063	+·040	+·151	+·032	+·001	—·016	—·001	—·011	—·031	+·009	—·007	+·010
False Point	+·016	—·047	+·063	+·026	+·051	+·016	—·007	+·003	—·017	—·040	+·010	+·061	+·011
Sambalpur	—·026	—·149	—·043	—·022	—·050	—·037	—·049	—·050	—·071	—·103	—·035	—·055	—·058
Raipur	+·011	—·143	—·129	—·045	—·158	—·017	—·027	—·028	—·056	—·090	—·036	—·060	—·065
Nagpur	+·040	—·107	—·067	+·016	—·033	+·033	—·003	+·022	—·009	—·022	+·056	—·005	—·007
Seoni	+·033	—·073	—·077	—·013	—·095	—·021	—·010	—·009	—·035	—·077	—·009	—·020	—·034
Jubbulpore	+·048	—·067	—·062	—·025	—·026	—·011	+·005	0	—·016	—·042	+·009	+·002	—·015
Saugor	+·048	—·052	—·071	—·072	—·025	+·035	+·030	+·011	—·007	—·044	+·019	+·007	—·010
Pachmarhi	+·035	—·054	—·045	—·009	+·009	+·004	—·020	—·013	+·005	—·037	+·025	+·012	—·007

TABLE XXI.—*Comparison of monthly mean vapour tension in 1887, with the averages of Table XIX* —continued.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Hoshangabad	+·047	—·027	P	P	P	P	P	P	P	P	+·011	+·005	P
Khandwa	+·014	—·092	—·059	—·076	+·015	—·012	+·004	+·007	—·021	—·024	+·049	—·015	—·018
Chanda	—·030	—·150	—·117	—·011	—·096	—·036	—·031	—·028	—·045	—·054	+·040	—·021	—·048
Sironcha	P	P	P	+·007	—·093	—·014	—·011	—·009	—·025	—·034	+·039	—·041	P
Chikalda	+·029	—·079	—·062	—·009	+·055	+·028	—·002	+·004	+·021	—·053	+·003	—·021	—·007
Buldana	—·041	—·141	—·104	—·063	—·012	—·039	—·019	—·021	—·035	—·089	—·008	—·063	—·053
Akola	+·016	—·093	—·048	+·008	+·053	+·006	+·010	+·023	—·014	—·029	+·053	—·010	—·002
Amraoti	+·038	—·098	—·061	—·051	—·020	+·007	+·002	+·031	—·006	—·028	+·078	+·041	—·006
Neemuch	+·045	P	+·097	P	P	+·130	+·068	+·050	+·024	—·032	+·056	+·019	P
Nowgong	+·057	—·043	—·054	—·080	—·038	—·068	+·013	+·026	P	P	P	+·004	P
Sutna	+·062	—·031	—·009	—·019	—·018	—·006	+·018	+·017	—·012	—·011	+·044	+·014	+·004
Indore	+·042	—·046	—·037	—·015	+·048	—·006	+·019	+·016	—·011	—·029	+·060	+·057	+·008
Bickaneer	—·037	—·046	—·064	—·045	—·072	—·170	—·216	—·205	—·154	—·055	—·047	—·012	—·094
Jeypore	—·014	—·069	—·107	—·052	—·088	—·055	—·002	+·049	+·002	—·035	—·010	—·017	—·033
Sambhar	+·008	—·023	—·079	—·060	—·024	—·016	+·014	+·077	+·019	—·002	+·023	+·014	—·004
Ajmere	+·006	—·032	+·110	+·135	+·176	+·061	+·036	+·040	—·021	—·054	—·021	0	+·036
Mt. Abu	+·012	—·019	—·042	—·020	—·018	+·026	+·019	+·024	—·038	—·026	+·015	+·025	—·004
Pachpadra	—·004	+·010	+·025	—·054	+·044	—·051	+·006	+·010	—·054	—·048	—·026	+·005	—·011
Jacobabad	—·016	+·004	—·101	—·083	—·198	—·059	—·041	—·025	—·165	—·098	—·055	—·022	—·072
Hyderabad	—·043	—·037	—·076	—·031	—·027	—·074	—·029	—·062	—·109	—·071	—·126	—·004	—·057
Kurrachee	+·008	+·004	—·053	+·052	+·006	—·023	—·005	—·027	—·059	—·045	—·100	—·042	—·024
Bhuj	+·002	—·013	+·006	+·043	+·032	—·016	—·013	0	—·043	—·070	—·068	—·042	—·015
Rajkot	+·072	P	+·032	+·118	+·078	+·035	—·001	+·038	—·027	+·120	+·138	+·062	P
Deesa	+·012	—·057	—·074	—·066	—·023	—·016	+·005	+·025	—·085	—·082	—·051	—·005	—·035
Surat	+·031	—·028	+·010	+·037	+·068	+·028	+·002	+·015	—·026	—·063	+·018	P	P
Malegaon	—·017	—·101	—·070	—·039	+·015	—·016	—·003	—·002	—·046	—·073	+·034	—·032	—·029
Bombay	+·005	—·043	—·009	+·001	—·044	—·046	—·038	—·035	—·043	—·033	+·006	—·015	—·025
Poona	+·007	—·039	—·017	—·003	+·099	+·014	—·003	+·001	—·001	—·021	+·042	—·001	+·007
Sholapur	+·043	+·014	+·032	+·056	+·115	+·042	+·026	+·030	+·029	+·012	+·009	—·025	+·032
Ratnagiri	—·030	—·066	—·067	—·023	—·016	—·002	+·011	+·009	—·016	—·024	+·001	—·045	—·022
Belgaum	—·025	—·078	—·019	+·007	+·012	—·011	—·016	—·016	—·013	+·029	+·039	—·004	—·008
Karwar	+·009	—·046	—·026	—·028	—·041	—·023	—·009	—·020	—·034	—·022	+·026	—·019	—·019
Vizagapatam	+·019	—·019	+·012	—·027	+·014	—·014	—·016	—·015	—·020	—·020	+·019	—·049	—·010
Rajahmundry	—·013	—·044	—·004	—·031	—·093	—·068	—·050	—·026	—·051	—·064	+·013	—·095	—·044

TABLE XXI.—*Comparison of monthly mean vapour tension in 1887, with the averages of Table XIX* —concluded.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Masulipatam	+·033	0	—·001	—·060	—·134	+·003	—·008	+·029	+·033	+·059	+·032	—·009	—·002
Secunderabad	+·058	+·046	+·097	+·127	+·088	+·088	+·036	+·021	+·004	—·013	+·039	+·014	+·050
Kurnool	—·085	—·033	—·095	—·059	—·081	—·070	—·074	—·048	—·032	—·080	—·052	—·084	—·066
Bellary	+·005	—·008	+·037	+·055	+·013	+·006	—·015	—·012	+·002	+·022	+·049	+·016	+·014
Mangalore	+·040	—·043	—·029	—·050	—·038	—·039	—·013	—·016	—·029	—·015	+·007	—·042	—·022
Mercara	—·016	—·014	+·032	—·012	—·020	—·019	—·012	—·011	—·040	—·032	—·001	—·009	—·013
Bangalore	+·043	+·006	+·044	+·035	+·014	+·012	—·001	+·021	+·021	+·016	+·038	+·036	+·024
Cuddapah	—·005	—·067	—·050	0	—·068	—·028	—·039	—·008	+·002	—·014	+·034	—·011	—·021
Madras	+·047	+·019	+·037	+·073	+·030	+·077	+·047	+·070	+·054	+·052	+·053	+·050	+·051
Salem	+·073	+·048	+·062	+·055	+·011	+·015	+·006	+·007	+·006	—·012	+·005	+·014	+·024
Wellington	—·029	—·037	—·044	+·021	—·009	—·002	—·020	—·002	—·012	—·004	+·018	+·033	—·007
Coimbatore	—·002	—·050	—·031	0	—·020	—·026	—·038	—·023	—·038	—·024	+·014	+·009	—·019
Trichinopoly	+·017	—·019	—·029	+·043	—·013	—·009	+·002	+·036	—·004	+·031	+·039	+·060	+·013
Negapatam	+·015	+·018	+·022	+·017	—·004	+·031	+·013	+·049	+·024	+·028	+·033	+·041	+·024
Madura	—·066	—·082	—·071	—·031	—·052	—·037	—·080	—·052	—·071	—·028	—·016	—·011	—·049
Cochin	+·022	—·044	—·017	—·018	—·028	—·038	—·017	+·003	—·022	—·005	+·004	+·008	—·013
Colombo	—·054	—·082	—·066	—·041	—·073	—·118	—·101	—·090	—·082	—·029	+·002	+·019	—·060
Jaffna	—·006	—·029	—·014	—·013	—·044	—·059	—·027	+·021	—·029	—·031	—·009	+·013	—·019
Trincomalee	+·011	—·014	—·033	+·039	+·015	—·023	—·011	—·018	—·003	—·001	—·007	+·025	—·002
Batticaloa	—·023	—·047	—·043	—·036	—·007	—·023	—·004	P	P	P	+·031	+·012	P
Hambantota	—·073	—·098	—·121	—·049	—·074	—·070	—·083	—·072	—·113	—·096	—·065	—·057	—·081
Galle	+·008	—·020	—·059	+·036	+·024	—·007	—·005	+·012	+·012	—·005	+·031	+·020	+·004
Kandy	—·028	—·053	—·114	—·028	—·057	+·017	—·034	—·021	—·042	—·045	—·009	+·012	—·034
Newera Eliya	—·020	—·014	—·075	+·025	+·007	—·021	—·034	—·005	—·025	—·016	+·001	+·025	—·013
Akyab	—·024	—·056	—·043	—·074	—·021	—·017	—·022	—·037	—·030	—·036	—·002	—·041	—·034
Thayetmyo	—·045	—·030	—·049	—·033	+·035	—·033	—·008	—·015	—·016	—·036	—·069	—·075	—·031
Toungoo	—·043	—·048	—·017	+·030	+·027	—·002	—·007	—·012	—·025	—·050	—·044	—·073	—·022
Bassein	—·024	—·053	—·044	—·004	+·010	—·012	—·016	—·018	—·014	—·033	—·045	—·086	—·028
Diamond Island	—·017	—·053	—·033	—·028	—·019	—·024	—·018	—·023	—·018	—·040	—·015	—·044	—·028
Rangoon	—·030	—·039	+·005	—·001	+·010	—·011	—·004	—·013	—·011	—·029	—·052	—·036	—·018
Moulmein	+·006	—·018	—·005	+·030	+·020	—·007	+·002	—·001	+·018	—·040	—·055	—·076	—·011
Mergui	+·048	—·004	—·025	—·039	—·032	—·012	—·002	—·019	—·031	—·041	—·050	—·050	—·022
Port Blair	—·014	—·070	—·056	—·016	—·043	—·034	—·032	—·030	—·018	—·030	—·030	—·007	—·032
Nancowry	+·008	—·019	—·035	—·002	—·015	—·009	—·003	+·010	+·002	—·021	—·028	+·005	—·009

TABLE XXII.—*Comparison of monthly mean relative humidity in 1887, with the averages of Table XX.*

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Aden	+ 1	— 5	— 3	— 3	— 6	+ 8	— 3	+ 6	+ 7	+ 5	+ 1	+ 2	+ 1
Bushire	+ 8	— 5	— 3	+ 4	?	?	?	0	0	+ 1	0	+ 7	?
Amini Divi	?	?	— 2	?	— 2	— 3	— 6	— 6	— 5	— 5	— 3	— 3	?
Quetta	+ 8	— 1	—19	— 8	— 7	— 2	— 1	+ 5	+ 5	+ 8	— 5	+ 4	— 1
Leh	+ 3	?	?	0	— 2	+ 4	— 5	+ 5	— 1	+ 2	+ 4	+ 6	?
Mooltan	?	?	?	— 8	—20	—19	?	— 1	— 1	— 1	— 3	— 2	?
Dera Ismail Khan	— 9	—14	—20	—16	—17	— 3	— 4	— 4	— 9	— 6	— 9	— 7	—10
Peshawar	+ 2	— 3	— 9	—12	—15	— 6	+ 4	+ 5	0	+ 2	— 3	— 3	— 3
Murree	+19	+14	+ 5	—11	—21	—10	+ 7	+ 8	—10	0	—11	— 3	— 1
Rawalpindi	+ 3	—15	—14	—18	—20	—14	+ 6	+ 4	— 7	— 4	—13	— 4	— 8
Sialkot	+ 7	— 6	— 9	+ 2	— 5	— 3	+ 3	+10	0	— 1	+ 4	— 3	0
Lahore	+ 7	—10	— 9	— 4	—10	+ 3	+ 5	+19	+ 8	+ 3	+ 3	+ 4	+ 2
Ludhiana	+ 7	—15	—14	—15	—18	— 5	0	+13	+ 2	+ 1	— 2	— 2	— 4
Chamba	+ 1	— 5	— 9	— 8	—23	— 9	— 1	+ 1	0	— 1	— 5	— 4	— 5
Simla	+12	— 4	— 9	— 8	?	— 3	+ 2	+ 2	—10	+ 4	— 7	— 3	?
Delhi	+ 6	—18	—10	— 7	—11	— 5	+ 5	+12	+ 4	+ 3	+ 2	+ 3	— 1
Sirsa	+ 3	— 8	— 7	— 1	—10	— 1	+ 5	+16	+ 4	+ 7	+ 5	+ 3	+ 1
Chakrata	+ 8	—12	— 9	— 3	—14	— 5	+ 1	+ 3	— 1	+ 4	— 7	0	— 3
Roorkee	+ 7	— 6	— 8	— 1	— 7	— 5	+ 1	+ 6	+ 4	+ 3	+ 2	— 1	0
Ranikhet	+12	— 2	0	+ 8	—11	— 1	+ 1	+ 4	+ 2	+ 3	0	— 2	+ 1
Pithoragarh	+ 7	— 7	— 3	+ 7	— 4	— 1	— 1	+ 3	+ 1	+ 5	+ 2	0	+ 1
Meerut	+ 4	—11	—11	— 7	— 7	— 1	+ 9	+11	+ 4	+ 1	0	— 1	— 1
Bareilly	+ 5	— 1	+ 5?	+11?	+13?	+ 7?	+ 2	+ 6	+ 5	+ 2	?	+ 2	?
Agra	+ 5	— 8	— 8	— 4	— 7	— 3	+ 6	+12	+ 6	+ 6	+ 2	+ 2	+ 1
Lucknow	+ 3	—11	— 6	+ 1	— 5	+ 4	+ 4	+ 7	+ 1	0	0	— 1	0
Gorakhpur	+ 4	— 3	— 3	+ 7	— 2	+ 4	— 3	+ 1	— 3	— 1	+ 3	0	0
Jhansi	+ 7	— 6	— 8	— 5	— 5	— 3	+ 9	+11	+ 5	+ 4	+ 9	+ 5	+ 2
Allahabad	+ 4	—10	— 5	0	— 4	— 1	+ 1	+ 4	— 4	— 2	— 2	— 6	— 2
Benares	+ 4	—11	— 5	— 1	— 1	+ 1	— 1	+ 2	— 4	— 1	— 2	— 3	— 2
Ghazipur	?	?	?	?	+ 1	+ 9	0	— 1	— 4	— 1	— 2	— 7	?
Katmandu	— 1	— 1	— 3	+ 6	— 1	+ 2	— 2	— 3	— 2	— 3	0	— 3	— 1
Sibsagar	+ 1	— 2	+ 3	— 2	— 2	+ 2	— 1	+ 1	0	— 1	— 2	— 2	0
Dhubri	+ 1	+ 2	+ 5	+ 4	+ 1	+ 4	0	0	— 2	— 2	0	— 3	+ 1
Silchar	+ 3	— 6	+ 3	— 5	— 4	0	— 5	— 3	— 3	— 2	— 3	— 7	— 3

TABLE XXII.—*Comparison of monthly mean relative humidity in 1887, with the averages of Table XX*—continued.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Darjeeling	?	+ 5	+ 3	+ 7	0	— 1	— 1	+ 2	— 4	+ 6	— 2	— 4	?
Pedong	?	+ 2	+ 2	+ 5	+ 2	+ 2	— 1	0	— 3	— 1	+ 1	— 6	?
Purneah	+ 6	+ 1	— 3	+ 2	— 4	+ 6	0	+ 1	0	+ 2	+ 2	+ 1	+ 1
Durbhunga	+ 4	0	0	+11	+ 3	+ 5	0	+ 2	— 1	— 1	+ 6	— 4	+ 2
Patna	+ 5	— 4	+ 4	+ 9	+ 6	+16	+ 8	+ 7	+ 2	— 1	— 1	0	+ 4
Gya	+ 4	+ 2	+14	+15	+ 6	+ 7	— 4	— 3	— 5	— 3	+ 1	— 1	+ 3
Hazaribagh	+ 8	—10	— 6	— 6	— 1	+ 5	+ 1	0	— 4	— 5	— 4	— 4	— 2
Berhampore	+ 7	+ 2	+ 5	+ 5	+ 5	+ 5	+ 2	+ 2	+ 3	+ 3	+ 4	+ 2	+ 4
Burdwan	— 2	— 8	— 4	0	+ 2	0	— 2	— 5	— 6	— 5	— 6	— 9	— 4
Jessore	+ 1	— 4	— 2	— 2	0	— 1	— 1	— 1	— 3	— 4	— 1	— 2	— 2
Dacca	+ 1	— 4	— 1	— 3	— 2	0	0	— 1	— 3	— 3	+ 3	0	— 1
Chittagong	— 1	— 1	+ 5	— 4	— 3	— 1	— 1	— 2	— 2	— 1	+ 1	+ 1	— 1
Calcutta (*Alipore*)	+ 1	— 5	+ 1	— 1	+ 1	— 1	0	— 2	— 2	— 2	0	— 3	— 1
Ditto (*Chowringhee*)	+ 2	— 5	— 1	0	+ 3	0	+ 1	— 2	0	— 2	+ 1	— 4	— 1
Saugor Island	— 1	— 3	+ 5	+ 2	0	+ 2	+ 1	— 2	0	— 1	+ 1	— 3	0
Cuttack	0	— 7	+ 2	+ 8	— 2	— 1	— 3	— 1	— 3	— 4	— 4	— 4	— 2
False Point	— 5	— 8	— 2	— 2	0	— 1	— 1	0	— 2	— 3	+ 1	+ 6	— 1
Sambalpur	— 4	—10	— 5	+ 1	— 5	— 5	— 3	— 3	— 5	— 6	— 5	— 7	— 5
Raipur	+ 1	—16	—15	— 3	—14	— 1	+ 1	0	— 4	— 7	— 7	— 8	— 6
Nagpur	+ 3	—12	— 8	+ 1	— 4	+ 5	+ 5	+ 6	+ 1	0	+ 3	0	0
Seoni	+ 6	— 7	— 8	0	— 9	— 1	+ 4	+ 2	— 3	— 5	— 1	— 1	— 2
Jubbulpore	+ 6	— 5	— 4	— 1	— 3	0	+ 6	+ 4	+ 1	0	+ 2	+ 1	+ 1
Saugor	+ 6	— 8	— 8	— 7	— 4	+ 4	+ 8	+ 6	0	— 3	+ 4	0	0
Pachmarhi	+ 6	— 7	— 6	— 1	— 1	+ 4	0	+ 1	+ 3	— 1	+ 4	+ 3	0
Hoshangabad	+ 8	+ 1	?	?	?	?	?	?	?	?	+ 9	+ 2	?
Khandwa	+ 1	— 8	— 7	— 7	+ 5	— 2	+ 6	+ 4	— 3	0	+ 9	— 1	0
Chanda	— 6	—12	—11	— 1	— 8	+ 1	+ 3	+ 1	— 2	— 3	+ 1	— 1	— 3
Sironcha	?	?	?	+ 2	— 9	— 1	+ 3	+ 3	— 2	— 3	+ 1	— 3	?
Chikalda	+ 8	—11	— 6	— 1	+ 7	+ 8	+ 4	+ 4	+ 1	— 5	+ 1	— 2	+ 1
Buldana	— 6	—17	—10	— 6	+ 3	0	+ 4	+ 1	— 2	— 8	0	— 8	— 4
Akola	0	— 9	— 4	0	+ 5	+ 3	+ 6	+ 6	0	— 1	+ 6	+ 1	+ 1
Amraoti	+ 5	—11	— 8	— 4	— 1	0	+ 5	+ 8	+ 1	— 2	+ 7	+ 5	0
Neemuch	+ 5	?	+ 7	?	?	+13	+11	+ 9	+ 4	— 3	+ 8	+ 2	?
Nowgong	+12	— 4	— 4	— 4	— 8	— 6	+ 6	+ 8	?	?	?	— 1	?

TABLE XXII.—*Comparison of monthly mean relative humidity in 1887, with the averages of Table XX*—continued.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Sutna	+11	− 3	+ 1	− 1	− 4	− 1	+ 7	+ 5	− 1	+ 2	+ 7	+ 1	+ 2
Indore	+ 4	− 7	− 4	− 2	+ 4	+ 1	+ 6	+ 6	0	− 1	+ 9	+ 8	+ 2
Bickaneer	− 8	− 9	− 9	− 5	− 8	−10	−15	−16	−12	− 1	− 5	− 2	− 8
Jeypore	0	−13	−14	− 6	−10	− 6	+ 3	+11	+ 1	− 3	− 2	− 4	− 4
Sambhar	+ 6	− 4	−11	− 6	− 5	− 3	+ 5	+12	+ 2	+ 2	+ 6	+ 3	+ 1
Ajmere	+ 4	− 9	+ 7	+ 7	+ 8	+ 5	+10	+ 9	− 2	− 4	− 3	− 2	+ 3
Mt. Abu	+ 4	− 6	− 7	− 5	− 3	+ 5	+ 7	+ 7	− 6	− 4	0	+ 5	0
Pachpadra	0	− 5	− 1	− 8	+ 1	− 4	+ 2	0	− 7	− 7	− 8	− 5	− 4
Jacobabad	+ 5	0	−10	− 7	−12	− 4	− 6	− 2	−10	− 9	− 6	− 5	− 6
Hyderabad	− 4	− 8	− 9	− 2	− 1	− 6	− 1	− 4	− 8	− 7	−16	− 4	− 6
Kurrachee	+ 5	− 2	− 5	+ 5	+ 2	− 2	+ 2	0	− 1	− 2	−14	− 8	− 2
Bhuj	+ 2	− 4	+ 2	+ 3	+ 3	+ 2	+ 3	+ 4	− 4	+ 2	−11	− 7	0
Rajkot	+11	P	+ 5	+ 9	+ 6	+ 4	+ 5	+ 9	− 3	+11	+13	+10	P
Deesa	+ 4	− 9	− 6	− 7	− 1	− 1	+ 4	+ 7	− 6	− 8	− 8	− 2	− 3
Surat	+ 6	− 1	+ 3	+ 3	+ 7	+ 7	+ 5	+ 5	− 3	− 9	+ 1	P	P
Malegaon	0	−10	− 6	− 5	+ 2	+ 1	+ 5	+ 3	− 4	− 7	+ 7	− 2	− 1
Bombay	+ 3	− 2	+ 1	+ 2	− 3	+ 2	0	− 2	− 2	− 4	− 1	− 3	− 1
Poona	+ 1	− 5	− 1	0	+12	+ 7	+ 4	+ 2	+ 1	− 4	+ 4	+ 2	+ 2
Sholapur	+ 6	0	+ 1	+ 4	+12	+ 6	+ 7	+ 7	+ 3	+ 2	+ 1	− 2	+ 4
Ratnagiri	0	− 6	− 6	0	− 1	+ 6	+ 4	+ 2	+ 2	− 2	0	− 5	− 1
Belgaum	− 5	−11	0	+ 2	+ 4	+ 4	0	0	0	+ 5	+ 5	+ 1	0
Karwar	+ 4	− 3	− 1	+ 1	− 2	+ 2	− 1	0	− 1	− 1	+ 1	− 4	0
Vizagapatam	+ 2	− 1	+ 2	− 1	− 2	+ 1	+ 1	− 1	− 3	− 2	+ 3	− 6	− 1
Rajahmundry	− 4	− 5	− 3	− 2	−13	− 8	− 5	− 2	− 8	− 8	− 1	−12	− 6
Masulipatam	+ 2	0	0	− 3	−19	0	0	+ 5	− 1	+ 5	+ 2	− 1	− 1
Secunderabad	+ 6	+ 4	+ 7	+11	+ 4	+11	+ 6	+ 5	− 1	− 2	+ 3	+ 3	+ 5
Kurnool	−13	− 5	−11	− 5	− 6	− 6	− 7	− 4	− 2	−10	−10	−14	− 8
Bellary	− 3	− 3	0	+ 5	+ 1	+ 2	0	0	+ 1	+ 2	+ 3	+ 1	+ 1
Mangalore	+ 5	− 4	− 3	− 2	− 2	+ 1	− 1	− 2	0	0	0	− 6	− 1
Mercara	− 3	− 3	+ 5	0	0	0	0	0	− 3	− 3	+ 1	0	− 1
Bangalore	+ 3	+ 1	+ 4	+ 3	+ 1	+ 5	+ 3	+ 3	+ 4	+ 5	+ 6	+ 7	+ 4
Cuddapah	− 3	− 6	− 6	0	− 6	0	− 2	+ 1	+ 3	− 1	+ 4	0	− 1
Madras	+ 6	+ 3	+ 5	+ 7	− 1	+ 8	+ 3	+ 9	+ 8	+ 8	+ 5	+ 6	+ 6
Salem	+ 6	+ 5	+ 8	+ 7	+ 1	+ 7	+ 4	+ 1	+ 2	+ 3	+ 4	+ 4	+ 4

TABLE XXII.—*Comparison of monthly mean relative humidity in 1887, with the averages of Table XX*—concluded.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Wellington	—10	— 7	— 2	+ 7	+ 1	+ 4	— 2	+ 1	— 1	0	+ 3	+ 6	0
Coimbatore	— 4	— 6	— 3	— 1	— 2	0	— 4	— 6	— 5	— 2	0	+ 2	— 3
Trichinopoly	— 2	— 3	— 3	+ 6	— 3	+ 3	0	+ 3	— 2	+ 7	+ 5	+ 9	+ 2
Negapatam	+ 1	+ 1	+ 3	+ 5	— 1	+ 6	+ 2	+ 4	0	+ 6	+ 2	+ 4	+ 3
Madura	—10	—10	— 8	— 2	— 9	— 2	— 9	— 7	— 9	— 2	— 2	0	— 6
Cochin	+ 1	— 4	0	+ 1	— 1	+ 2	— 1	0	0	+ 1	0	+ 1	0
Colombo	— 6	— 2	— 4	+ 1	— 3	— 6	— 7	— 7	— 6	+·1	+ 1	+ 6	— 3
Jaffna	0	— 1	+·1	+ 3	0	+ 1	0	+ 4	— 3	— 3	+ 1	+ 6	+ 1
Trincomalee	+ 4	+ 3	+ 1	+ 9	+ 3	+ 1	+ 4	+ 1	+ 2	0	+ 2	+ 9	+ 3
Batticaloa	+ 4	+ 2	+ 1	+ 3	+ 2	+ 3	+ 4	?	?	?	+ 5	+ 7	?
Hambantota	— 7	— 8	— 7	— 1	— 3	— 3	— 4	— 3	— 9	— 6	— 5?	—7 ?	— 5
Galle	+ 2	+ 2	+ 1	+ 5	+ 3	+ 2	0	+ 1	0	+ 7	+ 4	+ 5	+ 3
Kandy	0	— 2	— 3	+ 3	0	+ 5	+ 1	— 7	— 2	+ 1	+ 2	+ 7	0
Newera Eliya	— 1	— 1	—12	+ 9	+ 7	+ 8	+ 1	+ 6	+ 1	+ 4	+ 7	+12	+ 3
Akyab	— 6	— 7	— 6	— 9	— 3	— 7	— 3	— 3	— 3	— 6	— 4	— 8	— 5
Thayetmyo	— 2	+ 1	— 2	— 1	+ 5	— 6	0	— 2	+ 2	— 1	— 8	— 8	— 2
Toungoo	— 3	— 5	— 5	— 1	+ 2	— 1	+ 1	— 3	0	— 3	— 7	— 8	— 3
Bassein	— 2	— 3	— 3	+ 1	+ 7	0	0	0	0	— 2	— 6	— 9	— 1
Diamond Island	— 1	— 1	0	— 1	+11	+ 1	+ 1	+ 1	+ 1	— 3	— 1	— 4	0
Rangoon	— 2	— 2	+ 2	0	+ 8	+ 1	+ 1	0	0	— 3	— 9	— 6	— 1
Moulmein	+ 3	+ 2	+ 3	+ 5	+ 7	0	+ 2	— 1	+ 5	— 2	— 5	0	+ 2
Mergui	+ 7	+ 3	+ 3	+ 2	+ 5	— 1	+ 1	— 2	— 2	— 4	— 2	— 3	+ 1
Port Blair	— 2	— 4	— 3	+ 1	— 1	0	0	— 1	— 3	— 2	— 3	— 2	— 2
Nancowry	+ 1	+ 5	+ 5	+ 3	+ 4	+ 5	+ 2	+ 3	+ 1	— 2	0	+ 1	+ 2

TABLE XXIII.—*Geographical Summary of the differences of Table XXI.*

PROVINCES.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
North-Western Himalaya.	6—7	—·001	+·010	—·010	—·002	—·028	—·043	+·007	+·005	—·031	+·007	—·007	—·002	—·008
Sikkim, Himalaya and Nepal.	1—3	—·011	+·011	—·005	+·032	+·026	—·004	—·005	—·014	+·001	—·012	+·017	—·019	+·001
Punjab Plains	8—9	—·005	—·037	—·057	—·032	—·093	—·099	+·039	+·046	—·035	—·004	—·018	+·001	—·025
Gangetic Plains	11—12	+·014	—·034	—·032	+·023	+·032	+·030	+·011	+·017	—·017	—·016	+·011	0	+·003

TABLE XXIII.—*Geographical Summary of the differences of Table XXI*—continued.

PROVINCES.	Stations.	January.	February.	March.	April.	May.	June	July.	August.	September.	October.	November.	December.	Year.
Western Rajputana, Sind, Cutch and Guzerat.	8—9	+·001	—·019	—·039	—·010	—·020	—·039	—·031	—·025	—·082	—·042	—·036	—·004	—·029
Eastern Rajputana and Central India	8—9	+·031	—·040	—·023	—·026	+·002	+·006	+·027	+·037	+·002	—·025	+·024	+·015	+·003
Nerbudda Valley .	2—3	+·036	—·062	—·060	—·051	—·006	—·012	+·005	+·004	—·019	—·033	+·023	—·003	—·015
South Behar and Chutia Nagpur.	2	+·022	—·018	+·060	+·075	+·047	+·063	—·007	—·012	—·040	—·036	+·002	—·013	+·012
Lower Bengal .	7	—·013	—·054	—·016	—·016	+·021	+·006	—·013	—·014	—·013	—·051	—·004	—·032	—·017
Assam and Cachar	3	—·004	—·006	+·023	+·002	+·050	—·005	+·015	0	+·016	—·006	+·009	—·030	+·005
Orissa and Sambalpur.	3	+·001	—·086	+·020	+·052	+·011	—·007	—·024	—·016	—·033	—·058	—·005	0	—·012
Central Provinces, South, and Berar	9—10	+·015	—·104	—·079	—·017	—·039	—·005	—·011	—·003	—·020	—·051	+·024	—·019	—·026
Konkan . .	3—4	+·004	—·046	—·023	—·003	—·008	—·011	—·009	—·008	—·030	—·036	+·013	—·026	—·015
Malabar Coast .	2	+·031	—·044	—·023	—·034	—·033	—·039	—·015	—·007	—·026	—·010	+·006	—·017	—·017
Deccan, Hyderabad and Mysore.	9	+·001	—·023	+·005	+·019	+·028	+·005	—·007	—·002	—·008	—·016	+·022	—·010	+·001
East Coast and Carnatic.	10	+·012	—·020	—·005	+·004	—·033	—·006	—·016	+·007	—·007	+·002	+·023	0	—·003
Ceylon . .	6—7	—·024	—·049	—·064	—·013	—·031	—·040	—·038	—·028	—·043	—·035	—·004	—·006	—·031
Arakan and Pegu .	7	—·029	—·045	—·021	—·019	+·008	—·003	—·012	—·019	—·019	—·036	—·033	—·052	—·023
Tenasserim . .	2	+·027	—·011	—·015	—·005	—·006	—·010	0	—·010	—·007	—·041	—·053	—·063	—·016
Bay Islands . .	2	—·003	—·045	—·046	—·009	—·029	—·022	—·018	—·010	—·008	—·026	—·029	—·001	—·021
Extra Tropical .		+·004	—·021	—·011	+·005	+·004	—·009	+·005	+·004	—·022	—·021	0	—·009	—·006
Tropical . .		+·006	—·049	—·028	—·007	—·013	—·014	—·013	—·008	—·020	—·031	—·001	—·018	—·016

TABLE XXIV.—*Geographical Summary of the differences of Table XXII.*

PROVINCES.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
North-Western Himalaya.	6—7	+9	—3	—4	—2	—13	—4	+1	+4	—3	+2	—3	—1	—1
Sikkim Himalaya and Nepal.	1—3	—1	+2	+1	+6	0	+1	—1	0	—3	+1	0	—4	0
Punjab plains .	8—9	+3	—11	—12	—9	—14	—6	+3	+8	0	0	—2	—1	—3
Gangetic plains .	11—12	+5	—6	—4	+3	—1	+4	+2	+5	+1	+1	+1	—2	+1
Western Rajputana, Sind, Cutch and Guzerat.	8—9	+2	—5	—4	—2	—1	—2	0	+1	—6	—3	—6	—2	—2
Eastern Rajputana and Central India	8—9	+6	—7	—4	—3	—3	0	+7	+9	+1	—1	+5	+1	+1
Nerbudda Valley .	2—3	+5	—4	—6	—4	+1	—1	+6	+4	—1	0	+7	+1	+1
South Behar and Chutia Nagpur.	2	+6	—4	+4	+5	+3	+6	—2	—2	—5	—4	—2	—3	0
Lower Bengal .	7	+1	—4	0	0	+1	+1	0	—2	—2	—2	0	—3	—1
Assam and Cachar	3	+2	—2	+4	—1	—2	+2	—2	—1	—2	—2	—2	—4	—1

TABLE XXIV.—*Geographical Summary of the differences of Table XXII*—continued.

PROVINCES.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Orissa and Sambalpur.	3	−3	−8	−2	+2	−2	−2	−2	−1	−3	−4	−3	−2	−3
Central Provinces, South, and Berar.	9−10	+2	−11	−8	−1	−3	+2	+4	+3	−1	−4	+2	−1	−1
Konkan . .	3−4	+3	−3	−1	+2	0	+4	+2	+1	−1	−4	0	−4	0
Malabar Coast .	2	+3	−4	−2	−1	−2	+2	−1	−1	0	+1	0	−3	−1
Deccan, Hyderabad and Mysore.	9	−1	−4	0	+2	+3	+3	+2	+2	0	−1	+2	0	+1
East Coast and Carnatic.	10	−1	−2	−1	+2	−6	+2	−1	+1	−2	+1	+2	+1	0
Ceylon . .	6−7	0	−1	−1	+3	0	0	0	−2	−3	0	+1	+5	0
Arakan and Pegu .	7	−2	−3	−1	−2	+4	−2	0	−1	0	−3	−5	−6	−2
Tenasserim .	2	+5	+3	+3	+4	+6	−1	+2	−2	+2	−3	−4	−2	+1
Bay Islands . .	2	−1	+1	+1	+2	+2	+3	+1	+1	−1	−2	−2	−1	0
Extra Tropical .	...	+4	−4	−2	0	−3	0	+1	+2	−2	−1	−1	−2	−1
Tropical . .	...	+1	−3	−2	+1	0	+1	+1	0	−1	−2	0	−1	0

January.—The humidity of the air was above the normal over the whole of India with the exception of the Sikkim Himalayas, Orissa, the Deccan, Carnatic, and Pegu. The excess was large in the North-West Himalayas, Behar and Rajputana, and was absolutely greatest at the hill stations of Murree, Simla, and Ranikhet. The excess for the month at Murree was 19 per cent., and at Simla and Ranikhet 12 per cent. The humidity was on the other hand generally below the average in Southern India, but the variations were irregular, and the deficiency was due rather to large local deficiency in a few cases than to general abnormal dryness of the air. The mean humidity of the month was 10 per cent. below the average at Wellington, where the deficiency was greater than at all the plain stations in Southern India except Madura. Hence, in Southern India, as in Upper India, the hill stations presented the same abnormal features as the adjacent plain stations, but to a larger degree. In Burma there was a general but slight deficiency which was largest at Akyab (6 per cent.).

February.—A considerable change took place in the meteorological conditions in the beginning of February. The previous south-west monsoon rains had been deficient over a large portion of Upper and Central India, and had terminated earlier than usual. The cold-weather rains were very deficient, and confined to the month of January. During the next four months antecedent to the rains the air was abnormally dry over the interior of Northern and Central India. This dry period commenced immediately after the stormy weather of January had passed away, and cold northerly and north-westerly winds set in from the Himalayas and Afghan mountain tract. The only exceptions to the general dryness which prevailed during the month of February were the Sikkim and Assam Himalayas (in which cloudy weather and snow storms occurred at intervals during the month) and Tenasserim and the Bay Islands.

The normal average humidity of February in Upper and Central India is 55 and 39

per cent. respectively, and the corresponding averages for February 1887 were 46 and 3 per cent. respectively. The following table gives the cases in which the deficiency exceeded 10 per cent:—

Stations.	Deficiency per cent.	Stations.	Deficiency per cent.
Ludhiana	15	Raipur	16
Dera Ismail Khan	14	Nagpur	12
Rawalpindi	15	Chanda	12
Delhi	18	Chikalda	11
Chakrata	12	Buldana	17
Meerut	11	Amraoti	11
Benares	11	Jeypore	13
Lucknow	11	Belgaum	11

The dryness was hence greatest in the Punjab, Central Provinces, North-Western Provinces and Rajputana. The Punjab and Central Provinces, it may be noted, were the areas of greatest deficiency of rainfall in 1886. The deficiency was less marked at the hill stations of Upper India than in the adjacent plain districts. The vapour pressure was as markedly below the average as the humidity, thus showing that the variations were due to the presence of a smaller quantity of vapour in the lower atmospheric strata than usual. In the Central Provinces the amount averaged one-third less than usual, and in the Punjab about one-sixth less.

March.—Was a drier month than usual over the whole of India with the exception of Assam, South Behar, Orissa, the coast districts of Bengal and Burma, and parts of Southern India. The dryness was excessive in the interior of Northern and Central India. Thus, the average humidity for the month was more than 10 per cent. in amount below the normal average of the month in the following cases:—

Stations.	Deficiency. per cent.	Stations.	Deficiency. per cent.
Dera Ismail Khan	20	Chanda	11
Rawalpindi	14	Jeypore	14
Ludhiana	14	Sambhar	11
Meerut	11	Kurnool	11
Raipur	15		

These data show that in the Punjab, Rajputana, North-West Provinces, and Central Provinces the air was abnormally dry in March. The same fact is shown by the decreased vapour pressure. The defect in the Central Provinces averaged ·08″, in the Punjab ·06″, and in the North-West Provinces ·03″. In the Central Provinces, the amount of vapour in the lower strata was nearly 24 per cent. less than the normal

amount. This was evidently due in part, if not entirely, to the smaller rainfall of the preceding monsoon.

The same unusual dryness of the air characterized the interior of Burma, but in the coast districts of that area, as also in those of Bengal, the air was slightly damper in consequence mainly of the strong and steady sea winds that prevailed throughout the month. In Southern India the variations were local, rather than general.

April.—Was also a very dry month, but the variations from the normal state were generally not so large as in the preceding month. This was due to the increasing influence of the strong sea winds, which blew across the Bengal, Burma, Madras and Bombay coasts during the month. The humidity was less than the normal over the whole of the interior, but in the coast districts of Bengal, Madras, and North Bombay (in Sind, Cutch and Guzerat), there was a slight excess. A similar slight excess is also shown at some of the Burma coast stations, although in the interior of that province the air was, as in Upper and Central India, drier than usual. The Punjab was the only area in which the average humidity was more than 8 per cent. below the average. The following gives the largest negative variations :—

Stations.	Defect per cent.	Stations.	Defect per cent.
Rawalpindi	18	Ludhiana	15
Dera Ismail Khan . . .	16	Peshawar	12

The increased humidity which was confined to the coast districts of Bengal in March, extended during the month of April to the whole of Bengal, and to those portions of Behar and the North-West Provinces lying near the hills, over which easterly winds set in gradually during the month. The following shows the excess in several cases :—

Stations.	Excess per cent.	Stations.	Excess per cent.
Purneah	2	Gorakhpur	7
Durbhunga	11	Lucknow	1
Patna	9		

The deficiency was not quite so marked in the Central Provinces as it had been during the two preceding months. The greatest deficiency in the amount of the aqueous vapour pressure in the Central Provinces, Central India, and Rajputana, was observed at Saugor (—·072″), Khandwa (—·076″), Buldana (—·063″) and Nowgong (—·080″). There was therefore one-fourth to one-fifth less vapour in the lower air strata in the districts represented by these stations than is usual in April.

May.—The feature of excessive dryness of the air, one of the characteristics of the hot weather of 1887, culminated in a period of intense dryness in Upper and Central India in the month of May. The south-west monsoon current advanced as far as Lower Burma, Bengal and the southern half of the Peninsula before the end of the month, and in all these

districts the mean humidity for the month was in excess. This was mainly due to the greater humidity than usual of the last ten or twelve days of the month. The excessive dryness of the air was most marked in Sind, the Punjab, Rajputana, the western districts of the North-West Provinces (except those bordering on the hills), the lower valley of the Godavery and Kistna, and the southern and eastern districts of the Central Provinces. It was as marked at the hill stations of Upper India as in the adjacent plain districts. The following gives the largest variations (in defect) of the humidity:—

Stations.	Actual, May 1887.	Average, May.	Defect.
	Per cent.	Per cent.	Per cent.
Chamba	25	48	23
Murree	24	45	21
Mooltan	22	42	20
Rawalpindi	28	48	20
Masulipatam	52	71	19
Ludhiana	26	44	18
Dera Ismail Khan	20	37	17
Peshawar	26	41	15
Raipur	21	35	14
Chakrata	37	51	14
Rajahmundry	41	54	13

The mean aqueous-vapour pressure data present proportionately large and abnormal negative variations in the same districts, as is seen by the following examples:—

Stations.	Actual, May 1887.	Average, May.	Defect.
	Per cent.	Per cent.	Per cent.
Mooltan	·347	·570	·223
Jacobabad	·286	·484	·198
Raipur	·330	·488	·158
Dera Ismail Khan	·304	·453	·149
Ludhiana	·367	·504	·137
Masulipatam	·791	·925	·134
Lahore	·315	·438	·123
Rawalpindi	·380	·497	·117

These figures show that in the Punjab and Sind, the amount of vapour present was about one-third less than the average seasonal amount, which is always small in May.

The following are examples of the remarkably low humidities which prevailed during the hottest period of the day (4 P.M.) at this time in Upper India:—

Stations.	Per cent.	Date.	Stations.	Per cent.	Date.
Jacobabad . .	1	13th to 15th & 28th	Ludhiana . .	6	9th
Hyderabad . .	2	1st	Dehra . . .	6	13th
Benares . .	2	20th	Nagpur . .	6	2nd
Roorkee . .	2	9th & 19th	Indore . .	6	1st
Ranikhet . .	3	20th	Sambhar . .	6	1st
Chakrata . .	3	19th	Murree . .	7	28th
Lahore . .	4	8th & 28th	Chamba . . .	7	9th, 21st, 27th & 28th.
Raipur . .	4	21st	Agra . . .	7	18th, 19th & 28th
Saugor . .	4	1st	Seoni . . .	7	1st
Meerut . .	5	9th & 18th	Jubbulpore . .	7	2nd
Allahabad .	5	19th	Chanda . . .	7	2nd
Khandwa . .	5	1st	Jeypore . .	7	9th, 18th, 28th & 29th.
Nowgong . .	5	3rd & 19th	Dera Ismail Khan .	8	4th
Sutna . . .	5	1st & 20th	Gorakhpur . .	8	19th
Peshawar . .	6	15th	Hoshangabad .	8	1st
Rawalpindi . .	6	15th	Kailang . . .	9	10th

June.—The south-west monsoon currents were established over the whole of India during the month. The only area in which their influence was partial, and smaller than usual in June, included the Punjab, North Sind, and some parts of Rajputana, and hence the mean humidity of these districts for the month was below the average to a moderate extent. The mean humidity of the Punjab was 6 per cent. below the normal, and the aqueous-vapour pressure ·099″ below it. The excessive dryness was however confined almost entirely to the north and west districts of the Punjab. The following gives the most remarkable examples of the deficiency:—

Stations.	Actual Average Humidity, June 1887.	Normal Average Humidity, June.	Average Deficiency of Month.
Mooltan	30	49	—19
Murree	36	46	—10
Rawalpindi	33	47	—14

The humidity was either normal or slightly in excess in all other districts. The excess was largest and most general on the Bombay and Malabar coasts and the Bombay Deccan and in Burma.

July.— The variations of humidity are generally small and irregular during the rains as compared with those of the hot weather. In July 1887, those districts under the

influence of the Bombay branch of the monsoon current had a damper atmosphere than usual, whilst in those districts over which the Bay of Bengal branch usually extends (excluding Burma), the humidity was slightly less than usual. The excess of humidity was greatest in the Central Provinces, Central India, and East Rajputana, and to a less extent the Punjab. The defect was nowhere large in Bengal and Orissa, but was still sufficient to indicate that the monsoon current was bringing up smaller supplies of moisture than usual to Bengal, Assam, and Behar, whilst the increase at the Bay Islands and Tenasserim shows that the current was diverted westwards to a greater degree than usual over the south and centre of the Bay.

August.— The Bombay current was unusually strong during the month, and the Bay of Bengal current was steadier and stronger than it had hitherto been. The effect of this favourable combination was shown most strongly in those districts most distant from the sea, *viz.* the Punjab, East Rajputana, the North-West Provinces, and, to a less extent, the Central Provinces and Central India, in all of which districts the humidity was considerably above the average.

The following gives the largest positive variations :—

Stations.	Variation of Average Humidity of Month.	Stations.	Variation of Average Humidity of Month.
Lahore	+19	Meerut	+11
Sialkot	+10	Agra	+12
Ludhiana	+13	Jhansi	+11
Delhi	+12	Jeypore	+11
Sirsa	+16	Sambhar	+12

The area thus defined coincides with the area of unusually heavy rainfall in Upper India during the month. In Western and Southern India, the Bombay current continued to give slightly increased humidity. In Bengal, Behar, Assam and Arakan there was a small deficiency which barely averaged 2 per cent., and was greatest in South and East Bengal and Upper Burma. There was a considerable deficiency, as in previous months, in West Rajputana (to the west of the Aravalli Hills) and Sind. The humidity was, for example, 16 per cent. below the average at Bickaneer, and 4 per cent. at Hyderabad and Dera Ismail Khan.

September.— The monsoon current withdrew suddenly from Upper and Central India earlier than usual, about the 20th September, and dry north-west winds and fine clear weather set in immediately. The Bay of Bengal current was not only as hitherto below the average but was very feeble throughout the month, although it continued to give frequent light showers in Bengal.

The mean humidity of the month was hence below the average in all districts with the exception of Tenasserim, the Deccan, Malabar and those districts of Upper India which had received excessive rain during the preceding south-west monsoon months. The decrease of humidity was most marked in the West Punjab, Sind, Cutch, Guzerat and

Rajputana to the west of the Aravalli Hills where the monsoon rainfall had been considerably below the average. For example:—

Stations.	Variation of Mean Humidity of Month from Normal.	Stations.	Variation of Mean Humidity of Month from Normal.
Bickaneer	—12	Deesa	—6
Jacobabad	—10	Bhuj	—4
Dera Ismail Khan . . .	—9		

In other districts the variations were small.

October.—Was a drier month than usual over the greater portion of India. There was a slight excess of humidity in the Himalayas, the Coromandel Coast districts and the Carnatic. The deficiency was greatest in Orissa, the Central Provinces, the Konkan, Sind, West Rajputana, and some parts of the North Deccan. It ranged between 8 and 10 per cent. at Jacobabad, Deesa, Surat, Kurnool, and Rajahmundry.

November.— The variations of humidity were very unusual for this month, and were to a large extent dependent on the unusual distribution of the rainfall. There was a consi erable deficiency in Burma, which was largest in amount in the interior at Toungoo and Thayetmyo, and perhaps at Rangoon. The observations at Rangoon were not satisfactory at this period, as the observer was careless and took no interest in his work. Over the whole of Southern India including Ceylon, Madras, Mysore and the Deccan the humidity was above the normal, and the excess was as large in amount in the interior as in the coast districts. There was a large excess in Rajputana, Central India, the Central Provinces, the Berars and Guzerat, over which districts unusual rain fell. The excess was absolutely greatest at Rajkot (13 per cent.), Khandwa, Hoshangabad, and Indore (each 9 per cent.). The variations were small and unimportant in Assam, Bengal, Behar, the North-West Provinces, and the Bombay coast districts. The air was unusually dry in Sind and Cutch, and the more northerly districts of the Punjab. The following gives the deficiency in the most noteworthy cases:—

Stations.	Variation of Mean Humidity of Month from Normal.	Stations.	Variation of Mean Humidity of Month from Normal.
Hyderabad	—16	Murree	—11
Kurrachee	—14	Rawalpindi	—13
Bhuj	—11		

December.—Was characterized by a lower humidity than usual over by far the greater part of India. There was a slight excess in the Carnatic and Madras coast, where frequent showers continued to be received, and in Ceylon, where the air was unusually damp (the humidity being from 5 to 12 per cent. above the average at all stations except Hambantota, where the returns appear to show a largish deficiency in the amount of moisture contained in the air). The humidity was below the average over the whole of Northern and Central India, and in Burma with a few local exceptions, some of which are doubtful, as they occur at stations the observations which were not altogether satisfactory during the year through carelessness and other defects of the

observers. The deficiency was general and most marked in Burma, over a large portion of which it was at least 8 per cent. It was also large in Sind, West Rajputana, Cutch and the Circars.

The mean humidity variations for the whole year show that over a great part of India the humidity was below the normal. The deficiency was greatest in the Punjab, Orissa and Sambalpur, West Rajputana, Sind and Cutch, and Pegu. In the case of Sind, Cutch, West Rajputana and Pegu, the humidity was persistently below the average during the whole year (with the exception of the months of May in Pegu and January in North-West India). In the Punjab, the low mean humidity of the year was mainly due to the excessive dryness of the air during the period from February to May antecedent to the rains, when lower humidities were recorded than for many years past (probably since 1879).

The preceding remarks indicate that January was a damper month than usual, but that the next five months were unusually and abnormally dry in nearly all districts. The dryness was most marked in the Punjab, Rajputana, Central India, the Central Provinces, and the central and western districts of the North-West Provinces. During the next three months those districts which received rain from the Bombay current had greater humidity than usual. In the districts under the influence of the Bengal current, the humidity was generally somewhat below the average, the deficiency being on the whole steadiest and largest in Burma, Assam, and East Bengal. During the remaining months, the air was drier than usual, except in the Carnatic, Mysore, Hyderabad and Ceylon, and locally in some parts of Eastern Rajputana. The deficiency was greatest in Burma and Assam, in which the monsoon rainfall was very considerably below the average.

The averages of all the anomalies (excluding certain doubtful cases) in the columns of Table XXI give the following results :—

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Number of stations	117	117	118	119	120	122	121	121	120	120	121	122	121
Variation	+·003	—·037	—·026	—·003	—·010	—·013	—·005	+·001	—·023	—·024	+·002	—·010	—·012

The annual anomalies of the past thirteen years are given for comparison :—

	1875.	1876.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.
Number of stations	36	48	67	71	66	102	93	108	110	112	112	118	121
Anomalies	—·004	—·017	+·011	+·020	—·014	—·004	+·001	—·008	—·013	—·012	+·001	+·008	—·012

CLOUD PROPORTION.

The proportion of cloud is estimated, in the usual way; in tenths of the sky expanse, an overcast sky being denoted by 10, and a cloudless sky by 0. From the nature of the observations, it follows that the estimated amounts at different stations are affected, to some extent,

by the personal equation of the observer; and some of the differences to be observed in the tables, are mainly attributable to this cause. On the whole, the observations are fairly accordant, and the average result of a number of stations, similarly situated, may be accepted with considerable confidence as indicating the variations of cloudiness in different months, or in different parts of the country.

Table XIII (Appendix) gives the monthly means of the observations of stations for the hours of observation (except in the case of the Ceylon stations), and also of the daily averages of these. At the large majority of the stations, the hours are 10 h. and 16 h. only (10 A.M. and 4 P.M.), but at Calcutta, Bombay, Allahabad, Leh, Jeypore, Lahore, Chamba, Vizagapatam, and Saugor Island, the observations are recorded four times daily, *viz.*, in the case of the four first mentioned stations at the hours 6 A.M. and 10 P.M., and the remaining stations at 4 A.M. and 10 P.M. in addition to 10 A.M. and 4 P.M. At certain Madras stations, 10 P.M. is substituted for 4 P.M. The figures in the column of means have been calculated in the same manner as in previous years.

Table XXV below gives the averages, similarly obtained from the observations of several years at 132 stations, being in no case taken from less than 3 years' observations. Tables XXVI and XXVII show the differences for the year 1887, in excess or defect of these averages, first, at the individual stations, and second, as summarized for the geographical divisions adopted in previous sections of this report:—

TABLE XXV.—*Average proportion of clouded sky in each month deduced from the registers of past years.*

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Aden	4—6	4·18	4·45	3·80	3·05	2·09	1·51	3·08	1·99	2·14	2·02	2·40	5·18	2·99
Amini Divi	3—6	4·38	2·45	3·48	3·84	5·15	7·78	7·84	7·27	6·72	6·97	5·91	5·03	5·57
Quetta	9	4·37	4·32	4·50	3·63	1·89	1·04	1·62	1·47	0·53	0·41	0·82	2·97	2·30
Leh	14	6·52	6·71	6·48	6·30	6·41	5·06	5·05	5·11	3·93	3·89	3·85	5·35	5·39
Mooltan	16	2·75	2·66	2·49	1·67	1·25	1·02	2·25	2·14	1·02	0·32	0·72	1·81	1·68
Dera Ismail Khan	16	3·23	2·92	3·19	2·81	1·71	1·50	2·27	1·92	0·95	0·54	1·33	2·26	2·05
Peshawar	11—12	4·71	4·17	4·79	4·52	2·81	2·08	2·59	2·76	1·71	1·40	1·81	3·35	3·06
Murree	16	5·83	5·43	6·07	5·37	4·22	3·72	6·33	6·29	3·41	2·09	2·75	4·46	4·66
Rawalpindi	16	4·41	4·12	4·26	3·58	2·59	2·02	3·87	3·61	1·90	1·15	1·71	2·98	3·02
Sialkot	16	4·72	4·27	4·53	3·77	2·80	2·45	4·93	4·74	2·50	1·11	1·86	3·21	3·41
Lahore	16	3·34	3·41	3·18	2·47	2·27	3·02	4·32	3·61	1·56	0·77	1·13	2·01	2·59
Ludhiana	16	3·94	3·79	3·84	2·83	2·17	3·04	5·85	5·36	2·72	0·87	1·31	2·74	3·20
Chamba	3—4	6·57	5·07	5·51	4·64	4·36	4·45	6·67	7·15	3·10	2·04	1·54	3·70	4·57
Kailang	4—5	6·91	6·02	6·53	5·69	5·89	5·82	6·08	6·38	4·70	3·87	3·16	4·92	5·50
Simla	7—8	5·56	4·99	5·08	4·15	4·05	6·01	8·71	8·71	5·59	1·38	1·48	3·58	4·94

TABLE XXV.—*Average proportion of clouded sky in each month deduced from the registers of past years*—continued.

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Delhi	13—14	3·68	3·00	3·26	2·56	2·18	3 67	6·21	6·04	3·46	0·87	0·71	1·90	3·13
Sirsa	11—12	3·95	3·82	4·07	3·44	2·90	3 60	5·61	5·42	2·75	0·98	1·10	2·59	3·35
Chakrata	16—17	4·78	4·77	4·24	3·58	3·71	5·08	8·73	8·70	6·43	1·83	1·48	3·29	4·72
Dehra	16—17	4·16	3·96	3 61	2·85	2·89	4·21	7·71	7·53	4·69	1·06	1·08	2·45	3·85
Roorkee	16—17	3·44	3·31	2·54	2·14	1·77	3·16	6·47	6·29	3·99	0·83	0·79	2·15	3·07
Ranikhet	16—17	4·07	4·39	3·89	3·23	3·70	5·51	8·70	8·55	5·91	1·58	1·16	2·47	4·43
Pithoragarh	6—7	4·63	3·70	3·88	3·25	4·27	5·83	7·52	7 80	5·58	2·19	1·38	2·34	4·36
Meerut	15—17	3·17	2·63	2 63	2·03	1·84	3·15	6·75	6·42	3·86	0·68	0·58	1·74	2·96
Bareilly	16—17	3·00	2·73	2·57	1·62	1·74	3·67	6·76	6·75	4·16	0·87	0·57	1·67	3·01
Agra	16—17	2·18	2·28	2·05	1·43	1·29	3·57	6·54	6·45	3·81	0·90	0·51	1·39	2·70
Lucknow	16—17	2 78	2·94	2·78	1·97	1·98	4·63	7·66	7·46	5·35	1·71	0 89	1·84	3·50
Gorakhpur	15—17	1·56	1·72	1·49	1·03	1·75	3·89	5·39	5·40	4·30	1·79	0·69	1·01	2·50
Jhansi	19—20	2·24	1·87	1 68	1·30	1·89	4·58	6·17	8·82	5·06	1·10	0·46	1·33	3·04
Allahabad	17	1·85	1·96	1·86	1·24	1·62	4·43	7·60	7·38	5·14	1·78	0·91	1·56	3·11
Benares	16—17	2·11	2·13	2·07	1·60	1·92	4·91	7·60	7·37	5·45	2·41	1·13	1·61	3·36
Ghazipur	5—6	1·90	1·53	1·49	0·81	1·51	4·51	6·74	6·65	5·11	2·55	1·03	1·42	2·94
Katmandu	8—9	3·22	3·17	3·82	4·46	5·49	5·74	6·39	6·95	6·15	3·83	1·96	2·96	4·51
Sibsagar	14	5·44	5·83	6·25	7·00	7·89	8·43	8·54	8·55	8·06	6·67	4·44	4·31	6·78
Tezpur	3	P	P	P	3·34	4·01	5·09	4·69	4·71	4·03	3·22	2·15	2·38	P
Dhubri	6—7	1·68	1·47	2·25	2·67	4·49	7·05	6·33	7·20	6·38	2·44	1·03	1·17	3·68
Tura	3—4	3·14	2·61	3·08	3·22	5·35	6·96	7·16	7·08	6·66	4·95	3·62	3·67	4·79
Silchar	18—19	2·96	2·98	4·14	5·01	6·08	7·57	7·68	7·69	7·02	4·72	3·16	2·84	5·15
Darjeeling	18—19	5·52	5·62	5·12	6·03	7·22	8·65	8·71	8·63	8·08	5·45	4·14	4·10	6·44
Pedong	3	P	4·64	4·88	5·59	6·95	7·65	P	7·94	6·92	5·46	3·50	4·41	P
Purneah	12—14	1·41	1·18	1·51	1·58	3·47	5·93	7·01	6·95	6·02	3·33	0·92	1·16	3·37
Durbhunga	10—12	1·42	1·59	1·51	1·11	2·21	4·84	6·25	6·26	5·66	3·12	0·81	1·15	2·99
Patna	18—19	2·41	2·52	2·86	2·01	2·93	6·19	8·04	8·02	7·03	3·64	1 63	1·96	4·10
Gya	16—18	1·99	2·23	2·17	1·49	2·63	6·50	8·38	8·40	6·94	3·55	1·73	1·85	3·99
Hazaribagh	18—19	2·26	2·03	2·45	2·51	3·47	7·34	9·07	8·64	7·76	4·24	2·20	2·03	4·50
Berhampore	18—19	2·16	1·97	2·82	3·05	5·38	8·28	8·85	8·76	8·16	4·81	2·47	1·93	4·89
Burdwan	14—15	1·72	1·93	2·27	2·34	4·09	7·33	8·31	8·24	7·37	4·31	2·58	1·95	4·37
Jessore	19	1·76	1·96	2·94	3·50	5·26	7·85	8·46	8·02	7·58	4·77	2·40	1·69	4·68
Dacca	19	1·58	1·83	3·04	3·75	5·34	7·59	7·90	7·75	6·81	4·13	2·01	1·35	4·42
Chittagong	19	1·43	1·75	3·10	3·95	5·14	7·77	7·58	7·37	6·62	4·40	2·72	2·01	4·46

TABLE XXV.—*Average proportion of clouded sky in each month deduced from the registers of past years*—continued.

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Demagiri	9—11	0·64	0·86	1·45	1·56	2·74	4·63	4·75	4·58	3·54	1·95	1·13	0·80	2·39
Calcutta (*Alipore*)	10—11	1·39	1·89	2·26	2·61	4·49	7·08	8·10	8·09	7·19	4·24	2·45	1·90	4·31
Saugor Island	18—19	1·68	2·03	3·57	4·48	5·51	7·41	7·86	7·48	6·67	4·41	2·59	2·16	4·65
Cuttack	19	1·72	1·81	2·39	2·81	3·97	6·66	7·60	7·15	6·39	4·34	2·46	1·72	4·09
False Point	11—12	2·12	2·69	2·97	3·06	4·50	6·79	7·91	7·62	6 64	4·71	3·44	2·61	4·59
Sambalpur	17	1·40	1·50	1·72	2·20	2·77	5·49	7·03	6·73	5·57	3·01	2·30	1·92	3·47
Raipur	19	1·43	1·26	1·73	2·24	3·33	6·43	8·22	7·72	6·54	3·36	2·07	1·63	3·83
Nagpur	19	2·27	1·90	2·47	3·04	4·08	7·16	8·65	8·31	7·28	4·02	2·55	2·41	4·51
Seoni	17—19	3·59	3·54	3·32	3·60	3·44	4·19	4·87	4·50	3·94	3·90	3·65	3·60	3·85
Jubbulpore	19	2·17	2·13	2·30	2·13	3·24	6·48	8·68	8·20	6·25	2·81	1·66	1·97	4·00
Saugor	16—17	1·54	1·41	1·37	1·36	1·94	4·21	6·38	6·11	4·35	1·70	1·09	1·21	2·72
Pachmarhi	17	2·27	1·92	2·08	2·13	2·81	6·59	8·78	8·51	7·21	3·17	1·95	2·13	4·13
Hoshangabad	17—18	1·81	1·49	1 81	2·08	2·56	5·87	8·10	7·50	5·90	2·44	1·39	1·56	3·54
Khandwa	14—17	1·58	1·38	1·58	1·77	2·38	5·96	7·87	7·36	5·36	2·34	1·57	1·94	3·42
Chanda	17—18	2·04	1·98	2·30	2·84	3·74	7·12	8·64	8·18	7·08	3·82	2·78	2·59	4·43
Sironcha	10—12	1·40	1·46	1·69	2·07	2·79	6·17	7·67	7·21	6·31	3·73	2·74	1·96	3·77
Chikalda	11—12	1·87	1·23	1·85	2·05	2·62	6·63	9·03	8·74	7·30	3·42	2·06	2·12	4·08
Buldana	11—13	2·39	2·03	2·19	2·34	2·87	6·23	8·03	7·60	6·57	4·38	2·65	2·72	4·17
Akola	13	1·32	1·34	1·19	1·38	2·14	6·37	8·54	8·12	6·31	2·85	1·40	1·59	3·55
Amraoti	13	1·91	1·77	1·98	2·26	3·36	6·90	8·53	8·17	7·05	3·90	2·26	2·57	4·22
Makhla	9	2·80	2 76	3·11	3·24	3·81	7·94	9·55	9·30	8·60	4·80	3·24	3·18	5·19
Neemuch	9—11	2·49	2 74	2·25	1·98	2·15	4·98	8·18	7·89	5·54	2·35	0·81	1·87	3·60
Nowgong	10—11	2·84	3·17	2·92	2·22	3 31	5·77	8·53	8·25	5·71	2·86	1·14	1·98	4·06
Sutna	11—12	2·09	2·00	2·00	1·90	2·52	4 85	7·07	6·73	5·11	2·38	1·17	1·53	3·28
Indore	10—11	1·84	1·59	1 84	1·71	2·21	6·33	8·59	8·54	6·72	3·24	1·42	1·78	3·82
Bickaneer	8—11	3·41	3·58	3·51	2·94	2·47	2·76	5·67	5·98	3·43	1·43	0·75	2·29	3·19
Jeypore	7	2·80	2·51	2·71	2·14	2·32	4·29	7·32	6·84	3·71	1·64	0·79	1·83	3·24
Sambhar	7—8	2·65	2·25	2·33	1·43	1·68	3·23	6·76	6·12	3·31	1·18	0·62	1·75	2·78
Ajmere	16—17	2·26	2·25	2 33	1·99	1·70	3·40	6·27	6·12	3 33	0·95	0·82	1·38	2·73
Mount Abu	9—12	2·58	2·75	2·63	2·25	1·85	5·37	8·79	8·56	5·95	2·21	1·12	1·78	3·82
Pachpadra	7- 9	2·22	2·09	2 03	1·50	1·63	2·86	6·19	6·19	3·41	1·24	0·59	1·56	2·63
Jacobabad	9—11	2·64	3·18	3·19	2·76	1·27	0·91	2·20	2·20	0·74	0·37	0·88	1·77	1·84
Hyderabad	9—11	1·77	2·21	1·59	1·09	0·62	1·37	3·06	3·19	1·56	0·42	0·75	1·14	1·56
Kurrachee	12—13	2·57	2·97	3·05	2·07	2·10	4·35	7·17	6·90	4·38	0·97	1·21	1·90	3·30

TABLE XXV.—*Average proportion of clouded sky in each month deduced from the registers of past years*—continued.

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Bhuj	9—12	1·16	1·35	1·22	0·82	1·12	3·81	6·93	6·68	4·11	1·24	0·55	0·93	2·49
Rajkot	8—11	1·34	1·82	1·60	1·42	1·54	5·30	7·73	7·64	6·11	2·27	1·05	1·28	3·26
Deesa	13	2·16	2·22	2·26	1·58	1·44	4·73	8·06	7·82	5·13	1·75	1·21	1·67	3·34
Surat	10—11	0·95	0·95	1·02	0·95	1·99	5·74	8·19	7·08	6·00	2·76	0·99	1·29	3·16
Malegaon	10—11	1·89	1·41	1·80	2·20	2·32	6·15	8·09	7·80	6·86	3·77	2·13	2·31	3·89
Bombay	41	1·57	1·31	1·75	2·25	4·06	7·89	9·06	8·79	7·46	4·29	2·20	1·81	4·37
Poona	12—13	1·97	1·64	2·31	2·43	3·14	7·48	8·98	8·62	7·87	5·03	2·85	2·77	4·59
Sholapur	10—11	2·20	1·73	2·37	3·29	4·09	7·18	8·22	8·17	8·16	6·17	3·85	3·09	4·79
Ratnagiri	11	0·60	0·44	0·55	0·64	1·76	6·57	7·67	7·19	6·10	3·35	1·20	0·96	3·09
Belgaum	12—13	1·75	1·34	2·01	2·54	3·51	7·76	8·89	8·51	7·62	5·69	3·65	3·00	4·69
Karwar	10	0·92	0·74	1·81	2·26	3·19	7·23	7·64	7·17	6·04	4·71	2·65	1·70	3·84
Gopalpur	6—7	1·11	1·38	1·43	2·18	3·13	5·28	6·81	6·10	5·95	3·80	2·69	2·29	3·51
Vizagapatam	18	1·72	1·40	1·82	2·48	4·13	5·90	6·72	6·30	5·59	4·51	3·27	2·42	3·86
Rajahmundry	3—4	3·55	2·65	3·04	2·80	5·05	5·93	7·06	7·01	6·15	5·96	4·71	4·22	4·84
Masulipatam	17—18	3·27	3·04	3·35	3·73	4·77	6·62	7·02	6·77	6·22	5·66	4·97	4·07	4·96
Secunderabad	15—17	1·74	1·33	1·69	1·95	2·76	5·58	6·96	6·25	5·96	4·29	2·99	2·26	3·65
Kurnool	3—5	1·66	0·63	1·32	1·92	3·42	7·17	7·76	7·21	7·05	6·28	3·38	3·01	4·25
Bellary	17—18	2·33	1·38	2·17	3·06	4·85	7·44	8·08	7·47	7·26	6·43	4·71	3·55	4·89
Mangalore	7—8	1·68	1·32	2·07	2·92	4·72	8·10	8·02	7·54	6·52	5·89	3·96	2·60	4·61
Mercara	7—8	3·04	2·31	3·69	5·26	6·87	9·50	9·80	9·42	8·84	7·86	6·58	5·05	6·52
Bangalore	17—18	2·73	2·15	2·55	3·40	4·42	5·79	6·37	6·25	5·99	5·80	4·94	4·12	4·54
Cuddapah	3—4	3·37	2·13	2·06	1·76	4·06	6·24	7·32	6·67	6·48	6·64	5·55	5·45	4·81
Madras	18	4·07	2·76	2·47	2·88	4·00	8·03	7·07	6·45	6·07	6·22	6·23	5·43	5·14
Salem	18	2·59	1·82	2·12	3·34	4·51	5·67	5·88	5·87	5·36	5·62	4·96	4·03	4·31
Wellington	14—16	3·33	2·58	2·88	4·37	5·69	7·40	7·60	7·38	6·78	7·20	6·95	5·68	5·65
Calicut	6—7	3·88	3·89	4·37	4·87	5·48	6·96	6·85	6·18	5·84	5·76	5·24	4·37	5·31
Coimbatore	18	3·49	2·51	2·97	4·28	5·39	6·55	6·51	6·11	5·67	6·22	6·02	4·99	5·06
Trichinopoly	17—18	4·32	2·93	3·14	4·42	5·66	7·30	7·65	7·75	7·26	7·72	7·27	6·08	5·96
Negapatam	18	4·74	3·74	3·28	3·70	4·45	5·16	5·30	5·41	5·23	5·81	6·46	6·20	4·96
Madura	18	4·01	3·62	3·70	4·34	4·89	5·39	5·28	5·18	4·83	5·35	5·42	5·08	4·76
Cochin	17	2·17	2·21	3·05	3·72	5·75	7·49	7·26	6·24	5·45	5·89	4·69	3·35	4·77
Colombo	17—18	4·93	4·01	4·44	5·67	6·86	7·54	6·77	7·02	6·83	6·84	6·18	4·82	5·99
Jaffna	17	4·63	3·10	2·81	3·88	4·26	5·64	5·53	5·65	5·06	5·75	6·46	6·28	4·92
Trincomalee	17—18	5·79	4·48	3·99	4·29	5·14	6·09	5·69	5·73	5·61	5·96	6·14	6·45	5·45

TABLE XXV.—*Average proportion of clouded sky in each month deduced from the registers of past years*—concluded.

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Batticaloa	17—18	7·15	6·40	5·86	6·04	5·98	6·63	6·67	7·06	6·64	6·69	7·02	7·03	6 60
Hambantota	18	6·76	6·32	5·91	6·87	7·14	7·76	7·52	7·69	7·32	7·31	7 27	6·79	7·06
Galle	18	5·46	4·71	4·78	5·67	6·46	6·78	6·32	6·32	6·18	6·62	6·23	5·55	5·92
Kandy	17—18	5·12	4·36	4·68	5·34	5·75	6·79	6·49	6·47	5·96	6·03	5·91	6 03	5·74
Newera Eliya	15—18	4·93	3·75	3·79	5·01	5·74	7·86	7·25	7·04	6·52	6·43	5·77	5·55	5·80
Akyab	17—19	1·59	1·09	1·96	2·86	5·28	7·00	8·51	7·97	6·89	4·81	3·30	2·47	4·48
Thayetmyo	9—10	1·91	1·14	1·25	2·37	5·12	6·71	6·96	6·65	6·08	5·19	3·76	2·78	4·16
Toungoo	9—10	1·03	0·74	0·70	1·89	5·22	7·92	8·22	8·28	6·85	4·39	2·97	2·12	4·19
Bassein	11	2·24	1·43	1·20	3·12	6·80	8·94	9·15	9·01	8·47	7·03	4·59	3·60	5·47
Diamond Island	8—10	2·62	2·29	2·56	3·27	5·53	7·73	7·85	7·54	7·09	5·47	4·63	3·41	5·00
Rangoon	11—12	2·33	2·21	2·36	3·45	6·71	8·68	8·89	8·89	8·27	6·24	4·60	3·25	5·49
Moulmein	8—9	0·61	0·73	0·67	2·11	4·87	7·74	8·07	7·61	5·97	2·86	1·52	1·04	3·65
Mergui	9—10	2·59	3·34	4·09	5·46	7·53	9·06	8·96	8·61	8·68	7·20	5·34	2·83	6·14
Port Blair	18—19	3·32	2·76	2·93	4·05	6·30	7·08	7·18	6·99	6·90	5·75	4·99	4·43	5·22
Nancowry	14—15	5·22	4·84	4·76	5·39	6·81	7·35	6·88	6·77	6·82	6·68	6·53	5·77	6·15

TABLE XXVI.—*Comparison of the mean cloud proportion in each month of 1887 with the average of Table XXV.*

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Aden	+0·47	−0·93	−0·71	−0·86	−1·75	−0·27	−0·05	−0 60	−0·61	−0·36	−0·50	−1·66	−0·65
Amini Divi	+1·61	+0·57	+0·04	+1·63	+1·58	+1·61	+0·77	+0·94	+0·85	+0·95	+0·34	+1·23	+1·01
Quetta	+0·14	−1·21	−3·03	−1·13	−1·59	−0 41	−0·28	−0·28	−0·31	−0·33	−0·45	−0·89	−0·81
Leh	+0·50	−0·48	−0·89	−0·92	−0·11	+1·83	−0·42	+1·17	+0·16	+0·44	−1·49	0	−0·02
Mooltan	+1·17	+1·31	−0·28	−0·95	−1·07	−0·33	−1·54	−0·01	−0·60	−0 07	−0·40	−0·47	−0·27
Dera Ismail Khan	+0·30	−0·08	−1·48	−1·39	−1·30	−0·35	−0·68	−0·08	−0·18	−0·12	−0·83	+0·13	−0·51
Peshawar	0	+0·28	−1·32	−0·55	−1·36	+0·45	−0·31	+0·56	+0·26	−0·07	−1·26	+0·04	−0·27
Murree	+0 43	−0·04	−1·56	−1·17	−1·18	−0·07	+0·87	+1·97	−1·34	−0·41	−2·15	−0·09	−0·40
Rawalpindi	+0·27	−0·98	−1·31	−1·71	−1·80	+0·03	−0·03	+0·15	−0·84	−0·39	−1·36	−0·27	−0·69
Sialkot	+0·67	−0·11	−0·80	−1·20	−1·72	−0·20	+1·22	+0·94	−0·91	+0·12	−0·96	+0·13	−0·24
Lahore	+0·53	−0·87	−0·95	−0·66	−1·10	+0·92	+0·66	+0·59	−0·89	−0·54	−0·79	−0·37	−0·29
Ludhiana	+1·66	+0·07	−1·22	−0·23	−1·23	+0·78	+1·68	+2·70	+0·07	−0·37	−0 01	+0·86	+0·40

TABLE XXVI.—*Comparison of the mean cloud proportion in each month of 1887, with the average of Table XXV*—continued.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Chamba	−0·61	−0·19	−1·36	−1·71	−1·98	+0·09	+0·56	−0·10	−0·71	−0·42	−0·82	+0·15	−0·59
Kailang	+0·51	+0·23	−0·59	−0·52	−0·45	+1·03	+0·60	+1·17	+0·25	−0·53	−0·81	+0·95	+0·15
Simla	+1·76	−0·56	−0·68	−1·33	−1·40	−0·06	+0·55	+0·67	−0·89	+1·44	+0·21	−0·16	−0·04
Delhi	+2·36	−1·32	−0·85	−1·27	−1·39	−0·85	+0·77	+2·29	−0·02	−0·35	+0·16	−0·12	−0·05
Sirsa	+0·78	−0·78	−1·99	−0·55	−0·84	+1·43	+0·73	+1·35	−1·11	−0·62	−0·61	−0·50	−0·23
Chakrata	+2·05	−0·93	−0·01	−0·65	−1·29	−0·53	+0·86	+1·18	−1·36	+0·53	+0·49	−0·66	−0·03
Dehra	+1·94	−1·15	+0·02	−0·85	−2·05	−0·91	+0·24	+1·49	−0·60	+0·35	−0·11	−0·90	−0·21
Roorkee	+1·54	−1·49	−1·14	−0·56	−1·70	−1·31	+0·51	+1·76	−0·87	−0·35	+0·14	−0·96	−0·37
Ranikhet	+1·72	−1·89	−0·36	−0·65	−1·38	−1·31	−0·23	+0·66	−0·81	−0·21	+0·31	−1·23	−0·45
Pithoragarh	+1·33	−1·16	−0·67	−0·40	−0·88	−0·49	+0·58	+0·90	−0·48	+0·38	+0·51	−0·30	−0·06
Meerut	+2·44	−1·02	−0·69	−0·53	−1·03	+0·20	+0·67	+2·27	−0·83	−0·44	+0·25	−0·48	+0·07
Bareilly	+1·54	−1·80	−0·63	−0·55	−1·30	−1·30	−0·42	+1·21	−0·73	+0·05	+0·22	−0·80	−0·38
Agra	+1·66	−0·90	+0·39	−0·36	−1·08	−0·67	+1·07	+2·26	−0·24	−0·41	+0·29	−0·34	+0·14
Lucknow	+1·20	−1·63	−0·81	−0·74	−0·17	−0·73	+0·05	+0·75	−0·81	+0·02	+1·15	−1·06	−0·23
Gorakhpur	+0·62	−1·02	−0·45	−0·39	−0·31	−0·44	−0·26	+0·65	−0·55	+0·16	+0·48	+0·24	−0·11
Jhansi	+0·59	−1·74	−1·29	−0·48	−1·10	−1·61	+0·66	−2·43	−2·09	−0·07	+0·56	−0·60	−0·80
Allahabad	+1·04	−1·12	−0·88	−0·31	−0·05	−0·14	−0·03	+0·80	−0·80	+0·14	+0·41	−0·73	−0·16
Benares	+1·05	−1·25	−0·67	−0·28	−0·08	−0·31	−0·18	+0·04	−0·63	+0·24	−0·01	−0·71	−0·23
Ghazipur	+1·01	−0·98	−0·74	+0·06	+0·46	−0·53	−0·35	−0·38	−0·54	−0·41	−0·25	−0·75	−0·28
Katmandu	+1·83	+0·73	+1·44	+0·44	+0·01	−0·50	−0·87	−0·87	−0·63	−0·55	+0·14	−1·21	−0·09
Sibsagar	+0·83	−2·27	+0·17	−1·70	−1·57	−0·68	−1·92	−0·63	−1·41	−1·51	−1·71	−3·79	−1·35
Tezpur	?	?	?	−0·90	−2·01	−2·34	−2·23	−1·59	−1·59	−1·22	−0·83	−1·36	?
Dhubri	+1·64	−0·79	+0·05	−0·17	+0·16	+0·38	−1·04	−0·62	−1·59	−0·19	−0·83	−0·81	−0·32
Tura	+2·35	−0·11	+0·79	+0·10	+0·62	−0·16	−0·04	−0·19	−0·74	−0·54	−1·20	−1·38	−0·04
Silchar	+2·51	−0·80	+1·16	−0·47	+0·63	+0·57	+0·39	+0·60	+0·20	+0·62	+0·28	−0·71	+0·42
Darjeeling	+2·63	−0·02	+0·41	+0·39	−0·09	+0·01	−0·30	+0·45	−0·69	+0·53	+0·27	−1·77	+0·15
Pedong	?	+0·28	+0·40	+1·01	+0·76	+1·16	?	+0·90	+0·44	−0·50	−0·03	−2·23	?
Purneah	+1·62	−0·82	−0·27	+0·21	+0·34	−0·66	−2·51	−1·93	−1·93	−1·09	−0·55	−0·87	−0·71
Durbhunga	+1·21	−1·43	−0·96	−0·52	+1·46	+0·71	−0·77	0	−0·99	−1·08	−0·51	−0·71	−0·30
Patna	+1·14	−1·46	−1·55	−0·69	+0·94	+0·36	+0·48	+1·43	+0·02	−0·47	−0·73	−1·02	−0·13
Gya	+1·59	−1·52	−1·09	−0·07	+0·08	−0·85	−0·89	−1·22	−1·36	+0·03	−0·49	−0·46	−0·52
Hazaribagh	+0·45	−1·72	−1·20	−0·21	+1·52	+0·40	+0·72	+0·43	−0·14	−0·09	−0·43	−0·61	−0·07
Berhampore	+0·02	−1·02	−0·16	−1·48	+0·56	+1·11	+0·48	+0·03	−0·47	−0·66	−0·97	−0·83	−0·28
Burdwan	−0·19	−0·80	−0·17	−0·57	+1·49	+0·34	+0·72	+0·23	+0·55	−0·50	−0·93	−0·40	−0·02

TABLE XXVI.—*Comparison of the mean cloud proportion in each month of 1887 with the average of Table XXV*—continued.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Jessore	+0·43	−0·83	+0·40	−0·58	+1·49	+0·55	+0·30	+0·25	+0·03	+0·31	+0·50	−0·17	+0·22
Dacca	+0·24	−1·52	+0·32	−0·48	+0·02	+0·16	−0·48	−1·07	−1·22	+0·24	−0·08	−0·33	−0·35
Chittagong	+0·59	+0·04	+1·47	−0·96	+1·51	+1·00	+1·20	+1·15	+1·20	+0·13	−0·28	−1·27	+0·48
Demagiri	+1·04	−0·04	+1·38	−0·51	+0·93	+0·36	−0·06	+0·72	−0·54	+0·20	+1·02	−0·09	+0·37
Calcutta (*Alipore*)	−0·07	−1·26	−0·34	−0·49	+0·81	+0·02	+0·14	−0·65	+0·08	−0·09	−0·05	−0·43	−0·19
Saugor Island	−0·28	−0·91	+0·33	−1·15	+0·70	−0·71	−0·44	−0·34	+0·31	−0·42	+0·03	−1·04	−0·33
Cuttack	−0·78	−1·06	+0·61	−1·28	+1·07	−0·34	+0·72	+0·43	+0·51	+0·82	+0·44	−0·01	+0·09
False Point	−0·63	−0·85	+0·94	−0·19	+1·95	+0·08	−0·23	−0·98	−0·10	−0·14	−0·60	−0·80	−0·12
Sambalpur	+0·22	−0·75	+0·18	+0·62	+2·59	+2·13	+2·17	+1·85	+1·43	+1·59	−0·05	0	+1·00
Raipur	+0·97	−0·44	+0·05	+0·83	+0·90	+0·87	+1·11	+1·01	+0·83	+1·59	+1·38	+0·89	+0·83
Nagpur	−0·59	−1·52	−0·82	+0·01	−0·06	+0·39	+0·70	+0·79	−0·66	−0·73	−0·10	−0·60	−0·27
Seoni	−0·52	−1·23	−0·48	−0·05	−0·08	+0·71	+1·58	+1·12	+0·85	−0·38	−0·33	−0·31	+0·07
Jubbulpore	+0·09	−1·61	−1·26	−0·16	+0·05	−0·63	−0·14	+0·35	−0·67	−0·11	−0·16	−0·55	−0·40
Saugor	+1·25	−0·92	−0·51	+0·33	−0·47	+0·73	+2·19	+2·33	+0·84	+0·63	+0·70	+0·05	+0·60
Pachmarhi	+0·59	−1·38	−1·06	+0·27	−0·45	+0·23	+0·77	+0·62	−0·54	+0·43	+0·74	+0·11	+0·03
Hoshangabad	−0·05	−1·02	−1·03	+0·02	+0·04	+0·63	+0·97	+1·78	+0·04	+1·13	+0·88	−0·03	+0·28
Khandwa	+0·04	−0·47	−0·80	−0·17	−0·35	+0·26	−0·30	−0·71	−0·37	+0·86	+1·05	−0·18	−0·10
Chanda	−0·62	−0·99	−0·52	−0·05	−0·54	+0·12	+0·09	+0·11	−1·01	+0·34	+0·34	−0·09	−0·24
Sironcha	?	?	?	+0·25	+0·44	+0·80	+0·93	+1·10	−0·26	+0·89	+0·35	+0·17	?
Chikalda	0	−0·23	+0·17	+2·02	+1·25	+1·57	+0·70	+0·87	+0·54	+0·87	+1·58	+0·66	+0·83
Buldana	−1·00	−1·28	−0·91	+0·35	−0·09	+0·64	+0·96	+1·18	−0·60	−0·70	+0·43	−0·64	−0·14
Akola	−0·19	−0·91	+0·08	+1·26	+1·36	+1·40	+0·61	+0·42	−0·01	+0·01	+0·78	−0·57	+0·35
Amraoti	−0·44	−0·95	−0·70	+0·49	−0·42	+0·04	+0·38	+0·85	−0·46	−0·32	+0·27	−0·86	−0·18
Makhla	+0·51	−0·67	+0·12	+1·39	+0·69	+0·98	+0·34	+0·59	0	+0·77	+1·13	+0·06	+0·50
Neemuch	+1·39	?	−1·26	?	−0·68	−1·66	−0·73	−0·32	−1·99	+0·62	+1·66	−0·38	?
Nowgong	+1·23	−1·54	−0·66	−0·57	−0·65	+0·45	+0·71	+1·11	−0·26	−0·24	+0·60	−0·75	−0·05
Sutna	+0·38	−1·75	−1·39	−1·13	−1·59	−1·48	+0·14	0	−0·82	−0·35	−0·05	−0·51	−0·71
Indore	−0·65	−1·09	−1·34	+0·39	−0·98	−0·13	+0·93	+0·96	−0·40	+0·09	+0·50	−0·47	−0·18
Bickaneer	+0·51	−1·31	−2·20	−0·72	−1·88	−0·26	−0·07	+0·77	−1·80	−0·31	−0·36	−0·56	−0·68
Jeypore	+1·14	−0·89	−1·20	−0·29	−1·08	−0·33	+0·51	+1·37	−0·24	−0·61	+0·82	−0·51	−0·11
Sambhar	+0·79	−0·73	−0·81	+0·17	−1·08	+0·39	+1·37	+1·72	−0·97	−0·11	+0·73	−0·46	+0·08
Ajmere	+0·57	−1·07	−1·31	−0·27	−1·13	−0·55	+0·88	+1·01	−0·96	−0·03	+0·23	−0·52	−0·26
Mt. Abu	−0·61	−1·34	−1·88	−1·03	−1·39	−0·20	+0·49	+0·85	−2·03	−1·01	+0·68	−1·11	−0·72
Pachpadra	+0·88	−0·23	−0·72	+0·43	−0·61	+0·59	+1·57	+1·54	−0·82	+0·50	+0·45	−0·45	+0·26

TABLE XXVI.—*Comparison of the mean cloud proportion in each month of 1887 with the average of Table XXV*—continued.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Jacobabad	+0·46	−0·04	−1·65	−0·79	−0·77	−0·71	−0·13	−0·50	−0·65	−0·30	−0·33	−0·17	−0·47
Hyderabad	−0·22	−1·64	−1·04	−0·62	−0·46	−0·43	+1·20	+1·28	−0·34	+0·50	+0·29	+0·22	−0·11
Kurrachee	−0·34	−1·81	−2·16	−1·04	−0·89	−0·83	+0·58	+0·68	−0·94	−0·45	+0·06	−0·95	−0·67
Bhuj	+0·16	−0·53	−0·94	−0·67	−0·92	−0·27	+0·86	+1·35	−2·17	−0·01	+0·23	−0·12	−0·25
Rajkot	−0·44	−1·34	−0·92	−0·44	−0·79	−2·41	−4·95	−3·51	−3·06	−0·98	+1·07	+0·19	−1·47
Deesa	+0·49	0	−1·01	+0·44	+0·21	+1·96	+1·28	+1·68	−0·23	+0·77	+1·96	+0·34	+0·66
Surat	−0·11	+0·02	+0·03	+0·05	+1·66	+1·50	+1·09	+1·11	+0·59	+0·77	+1·69	+0·87	+0·77
Malegaon	−0·35	+0·11	−0·83	+1·02	−0·02	+2·08	+1·75	+1·58	+0·14	+0·61	+1·45	+0·02	+0·63
Bombay	−0·46	−0·41	−0·60	−0·71	−0·07	+0·39	0	−0·29	−0·24	−0·81	+0·22	0	−0·25
Poona	+0·24	−0·26	−0·97	+1·49	+0·88	+0·12	−0·26	−0·13	−0·70	+0·47	+0·62	−0·19	+0·11
Sholapur	−0·45	−0·71	−1·00	+0·93	+0·76	+0·86	+0·96	+0·77	+0·19	+0·90	+0·63	−0·33	+0·29
Ratnagiri	−0·10	−0·42	−0·05	+0·23	+0·18	+0·95	−0·35	−0·64	−0·58	−0·51	−0·10	+0·48	−0·08
Belgaum	−0·10	−0·82	−0·54	+0·51	+0·45	+0·49	+0·18	+0·43	−0·30	+0·57	+0·45	+0·76	+0·17
Karwar	−0·47	−0·26	−0·42	−0·47	+0·28	+0·14	−0·02	+0·28	−0·76	+0·47	−0·08	+0·58	−0·06
Gopalpur	−0·17	−0·82	−0·04	−1·48	+0·60	−0·45	−0·26	−0·52	−0·86	+0·56	+1·23	−0·74	−0·25
Vizagapatam	−0·57	−0·69	+0·49	−1·05	+0·63	−0·84	+0·84	+0·44	−0·69	+0·54	+0·31	+0·19	−0·03
Rajahmundry	−0·02	−0·79	+0·11	+0·55	−0·82	+0·36	+0·18	+0·44	−0·48	+0·46	+0·12	−0·54	−0·04
Masulipatam	−0·42	−1·90	−1·61	−3·09	−1·19	−0·37	+1·34	+2·14	−0·92	+0·71	−0·82	−0·39	−0·54
Secunderabad	−0·64	−0·93	−0·34	+0·79	+0·55	+1·26	+1·82	+2·00	+0·71	+1·07	+0·93	−0·17	+0·59
Kurnool	−0·05	−0·32	+0·28	+0·92	+0·02	0	+0·10	−0·06	+0·45	−0·55	+0·59	−0·28	+0·09
Bellary	−0·15	−0·40	−0·20	+0·36	+0·41	+0·64	+0·89	+0·68	+0·41	+1·56	+0·94	+1·74	+0·57
Mangalore	+1·18	+0·36	+1·04	+1·05	+1·03	+0·72	+0·40	+0·34	−0·32	+1·09	+0·74	+1·08	+0·73
Mercara	+1·09	−0·02	+0·64	+0·29	−0·01	−0·08	−0·18	−0·47	−1·05	+0·03	+0·02	+1·27	+0·13
Bangalore	−0·43	−1·52	−0·94	−0·91	−1·02	+0·96	+0·98	+0·38	+0·29	+1·07	+0·71	+1·80	+0·11
Cuddapah	−0·14	−0·95	−0·41	+0·47	+0·79	+0·48	+0·60	+0·56	+0·55	+0·36	+0·53	+0·50	+0·28
Madras	−0·33	−0·81	−0·35	−0·17	+0·50	−2·27	−0·08	+0·22	−0·48	+0·46	−0·32	+1·30	−0·19
Salem	−0·51	−0·21	−0·04	−0·51	−1·21	−1·37	−1·70	−1·62	−1·95	−0·46	−0·60	+0·74	−0·79
Wellington	−0·08	−1·10	+0·20	+0·64	0	+0·66	−0·14	−0·07	−1·28	+0·28	+0·10	+1·09	+0·03
Calicut	+0·01	+0·13	0	+0·11	−0·53	+0·06	−0·19	−1·02	−0·69	+0·42	−0·32	+0·12	−0·16
Coimbatore	+1·03	+1·40	+1·50	+0·95	−0·60	−0·03	−0·14	−0·43	−0·40	+0·06	−0·52	+1·29	+0·34
Trichinopoly	+0·52	−0·33	−0·21	−0·32	−0·82	−1·07	−0·97	−0·57	−1·45	+0·78	−1·13	+1·80	−0·31
Negapatam	+0·51	−0·27	−0·29	+1·41	+0·37	+0·27	+0·33	+0·13	+0·01	+1·57	0	+1·88	+0·49
Madura	−1·54	−2·30	−1·89	−0·85	−1·90	−0·64	−0·44	−1·05	−1·21	−0·04	−1·25	+1·18	−0·99
Cochin	−0·26	−1·14	−0·02	+0·84	−0·86	+1·47	−0·11	−0·22	−0·90	+0·82	−0·54	+1·75	+0·07

TABLE XXVI.—*Comparison of the mean cloud proportion in each month of 1887 with the average of Table XXV*—concluded.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Colombo . . .	+0·17	−0·71	−1·64	+0·83	+0·44	+0·16	−0·37	−0·02	−0·83	+0·66	−1·08	+2·88	−0·04
Jaffna	+2·77	+2·70	+1·59	+3·52	+2·14	+1·56	+1·67	+0·95	+0·84	+2·05	+0·54	+1·92	+1·85
Trincomalee . . .	−0·69	−0·08	−0·99	+0·81	−0·34	−0·59	−0·09	−0·33	−1·01	+0·54	−0·74	+1·25	−0·19
Batticaloa . . .	+0·35	+0·80	+0·84	+0·86	+0·62	+0·47	+0·03	−0·86	−0·64	+0·21	−0·92	+0·27	+0·17
Hambantota . . .	−0·56	−1·12	−1·81	−1·07	−0·24	−0·76	−0·52	+0·01	−1·72	+0·29	−0·87	+1·01	−0·61
Galle	−1·06	−0·81	−1·88	−1·07	−1·76	−1·58	−2·02	−1·52	−2·18	−0·42	−1·93	−0·05	−1·36
Kandy	+0·48	+0·94	−0·78	+0·76	+0·05	+0·21	−0·49	−0·37	+0·34	+0·87	+0·29	+1·77	−0·34
Newera Eliya . . .	−0·23	−0·45	−1·69	+0·79	−0·14	−0·76	−2·85	−2·34	−0·92	−0·03	−0·67	+0·15	−0·76
Akyab	−0·09	−0·16	+0·43	−1·14	+0·14	−0·85	+0·90	−0·10	+0·81	+0·29	+0·49	+0·13	+0·07
Thayetmyo . . .	−1·07	−0·26	+0·14	+0·50	+0·64	+0·14	+0·82	+0·63	+0·79	−0·96	−1·79	−1·10	−0·13
Toungoo . . .	−0·03	+0·28	+1·43	+1·20	+2·25	+0·87	+1·12	−0·05	+1·39	+0·35	−1·22	−0·07	+0·63
Bassein	−0·34	+1·68	+2·16	+2·03	+2·06	−0·03	+0·17	+0·07	−0·27	−0·69	+0·25	+0·61	+0·69
Diamond Island . .	−0·49	+0·19	+0·72	+0·28	+0·68	−0·69	+0·42	−0·12	+0·11	−1·05	−1·11	−1·16	−0·19
Rangoon . . .	−0·81	+0·40	+1·87	+1·30	+1·52	+0·09	+0·60	+0·34	+1·03	+1·73	+0·09	+1·04	+0·77
Moulmein . . .	−0·53	−0·35	+0·64	+0·03	−0·26	−2·02	−0·50	−1·90	+0·20	−1·29	−1·17	−0·96	−0·68
Mergui	−0·09	+0·45	+1·52	+1·62	+1·47	−0·34	+0·04	−0·50	+0·04	−1·09	−0·25	−0·58	+0·19
Port Blair . . .	−1·24	−0·33	+0·94	+0·10	+1·08	+1·04	+0·45	+0·53	−0·92	−1·12	−0·92	−0·93	−0·11
Nancowry . . .	−0·20	+2·00	+1·02	+0·68	+1·95	+1·00	−0·36	−0·99	+0·10	−0·73	−0·06	+0·18	+0·38

TABLE XXVII.—*Geographical Summary of the differences of Table XXVI.*

	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
North-Western Himalaya.	8	+0·96	−0·63	−0·77	−0·92	−1·08	+0·06	+0·42	+0·95	−0·65	+0·15	−0·47	−0·17	−0·18
Sikkim Himalaya and Nepal.	2	+2·23	+0·36	+0·93	+0·42	−0·04	−0·25	−0·59	−0·21	−0·66	−0·01	+0·21	−1·49	+0·08
Punjab Plains .	9	+0·86	−0·28	−1·13	−0·95	−1·31	+0·21	+0·28	+0·94	−0·47	−0·27	−0·67	−0·06	−0·24
Gangetic Plains .	13	+1·39	−1·26	−0·64	−0·42	−0·35	−0·44	−0·12	+0·80	−0·73	−0·25	+0·06	−0·70	−0·22
Western Rajputana, Sind, Cutch, and Guzerat.	9	+0·10	−0·92	−1·39	−0·49	−0·83	−0·29	+0·09	+0·46	−1·34	−0·14	+0·45	−0·29	−0·38
Eastern Rajputana and Central India.	8—9	+0·74	−1·22	−1·09	−0·23	−0·97	−0·47	+0·74	+0·64	−0·77	−0·01	+0·33	−0·46	−0·21
Narbudda Valley	3	+0·03	−1·03	−1·03	−0·10	−0·09	+0·09	+0·18	+0·47	−0·33	+0·63	+0·59	−0·25	−0·07
South Behar and Chutia Nagpur.	2	+1·02	−1·62	−1·15	−0·14	+0·80	−0·23	−0·09	−0·40	−0·75	−0·03	−0·46	−0·54	−0·30
Lower Bengal .	6	+0·03	−1·06	+0·06	−0·79	+0·85	+0·25	+0·12	−0·26	−0·12	−0·19	−0·25	−0·53	−0·16

TABLE XXVII.—*Geographical Summary of the differences of Table XXVI*—continued.

	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Assam and Cachar.	4	+1·83	−0·99	+0·54	−0·56	−0·04	+0·03	−0·65	−0·21	−0·89	−0·41	−0·87	−1·67	−0·32
Orissa and Sambalpur.	4	+0·34	−0·87	+0·42	−0·58	+1·55	+0·36	+0·60	+0·20	+0·25	+0·71	+0·26	−0·39	+0·24
Central Provinces, South and Berar.	10—11	−0·13	−0·96	−0·41	+0·62	+0·27	+0·70	+0·74	+0·79	−0·12	+0·25	+0·60	−0·11	+0·19
Konkan . .	4	−0·29	−0·27	−0·26	−0·23	+0·51	+0·75	+0·18	+0·12	−0·25	−0·02	+0·43	+0·48	+0·10
Malabar Coast .	2	+0·46	−0·39	+0·51	+0·95	+0·09	+1·10	+0·15	+0·06	−0·61	+0·96	+0·10	+1·42	+0·40
Deccan, Hyderabad and Mysore.	9	−0·09	−0·54	−0·43	+0·60	+0·22	+0·70	+0·69	+0·58	+0·02	+0·64	+0·70	+0·51	+0·30
East Coast and Carnatic.	10	−0·15	−0·69	−0·27	−0·26	−0·43	−0·55	0	+0·03	−0·70	+0·44	−0·37	+0·80	−0·18
Ceylon . .	7	+0·21	+0·25	−0·67	+0·66	+0·13	−0·08	−0·26	−0·31	−0·74	+0·60	−0·67	+1·29	+0·03
Arakan and Pegu	8	−0·15	+0·27	+1·20	+0·34	+1·22	+0·11	+0·65	+0·33	+0·63	0	−0·32	−0·24	+0·34
Tenasserim .	2	−0·32	+0·05	+1·08	+0·83	+0·61	−1·18	−0·23	−1·20	+0·12	−1·19	−0·71	−0·77	−0·24
Bay Islands .	2	−0·72	+0·84	+0·98	+0·39	+1·52	+1·02	+0·05	−0·23	−0·41	−0·93	−0·49	−0·38	+0·14
Mean . .	125—127	+0·41	−0·64	−0·39	−0·11	−0·08	+0·06	+0·14	+0·36	−0·45	+0·09	−0·04	−0·08	−0·06
Mean anomaly, extra tropical India.	...	+0·92	−0·87	−0·57	−0·42	−0·31	−0·10	+0·04	+0·32	−0·67	−0·05	−0·09	−0·62	−0·20
Mean anomaly, tropical India.	...	−0·08	−0·23	+0·22	+0·33	+0·57	+0·29	+0·26	+0·04	−0·18	+0·15	−0·05	+0·26	+0·13

January.—The amount of cloud was considerably greater than the average over the whole of Northern India. The excess was greatest in Sikkim and Assam, and to a slightly less extent in the North-West Provinces and Behar and the Punjab. There was a small deficiency over the whole of the Peninsula and in Lower Burma.

February.—The conditions were reversed in this month. There was much less cloud than usual over the whole of Northern India and also in the Central Provinces, Deccan, Carnatic and Bombay and Malabar coast districts. The deficiency was most marked in Behar (1·6), the North-West Provinces (1·3), Rajputana and Bengal (1·1). As the average cloud amount of Behar and Bengal for the month is only 1·9, and in Rajputana is 2·5 and the North-West Provinces 2·6, it will be seen that the skies were remarkably free from cloud in this month. There was a moderate local excess in the Sikkim Himalayas and probably also on the Assam Himalayas, thus evidencing the abnormal character of the weather, and the excessive snowfall on the Eastern Himalayas at this time. There was a slight excess of cloud in Eastern and Lower Burma and over the south of the Bay, as indicated by the largish excess at Nancowry.

March.—The variations in the cloud amount were generally similar in character to those of the preceding month. The only important change was in North-Eastern India,

where the weather was unusually disturbed and stormy, and the amount of cloud hence considerably greater than usual. The excess was greatest in the Eastern Himalayas and Assam, but extended over the whole of Bengal and Assam. With this exception, there was less cloud than usual over the whole of Northern and Central India. The deficiency averaged 30 per cent. in amount in the Punjab, 50 per cent. in Rajputana, and 52 per cent. in South Behar, in which districts it was absolutely, as well as proportionately, greatest.

There was a large excess of cloud in Burma and Tenasserim, due perhaps to the same general causes that produced the excess in Assam and Bengal.

April.—The amount of cloud in the month of April is usually least in Behar, the North-Western Provinces, Rajputana, Guzerat, in which it averages between 1 and 2. It increases to 3·1 in the Punjab and 2·9 in the west districts of Bengal and to 3·2 in the coast districts of Southern India.

There was a general deficiency over the whole of the plains of Northern India, but it was smaller in amount than during the previous two months. Over the greater part of the Peninsula, and also in Burma and Tenasserim, there was a moderate excess which was greatest in the Malabar coast districts.

May.—The amount of cloud is usually greater in Southern India and the coast districts of Bengal and Burma in the month of May than in April. In the interior of Northern and Central India the normal amount is almost identical with that of the preceding month. May 1887 was a very dry month in Upper India and the skies were almost free from cloud throughout the whole month. In the Punjab, where the dryness of the air and absence of cloud were most marked, the average cloud amount was only 1·1 or 1·3 less than the normal average. The amount of cloud was above the average in Bengal, Behar and Orissa, due mainly to the cyclonic storm of the fourth week of the month, and the subsequent inrush of south-west monsoon winds which gave heavy rain for some days afterwards.

The early advance of south-west monsoon winds in the Bay gave unusually clouded skies during the latter half of the month to Lower Burma and the whole of the Peninsula, with the exception of the Carnatic. The increased amount was largest for Lower Burma (1·22) and the Bay Islands (1·52).

June.—The month of June witnessed the establishment of the monsoon over the whole of India with the exception of the Punjab and the western districts of the North-Western Provinces, where little rain fell, although the air was moderately damp. Skies were generally more clouded than usual. This was especially the case in the Malabar coast districts (+1·1), the Central Provinces (+0·7), and the Deccan (+0·7). The cloud amount fell below the average in the Sikkim Himalayas and was almost identical with the normal in Assam. There was a slight deficiency in the North-West Provinces, Rajputana, and Behar, and a moderate excess in the Punjab (showing that the deficient rainfall was not due to the presence of dry north-west winds and clear skies). The excess was moderately large in the eastern and south-eastern districts of that Province, and was partially compensated by clearer skies than usual in the Indus Valley districts.

July—Was more cloudy than usual in almost every part of India. The only noteworthy exceptions were Assam, Sikkim, East Bengal, the Indus Valley districts of the Punjab, and the southern districts of Madras. The deficiency was greatest in Assam, for which it averaged 0·65. The amount of cloud was most excessive in the Central Provinces

and Eastern Rajputana, where the rainfall was unusually abundant, and to a slightly less extent, in Hyderabad and Lower Burma.

August.—The Bombay branch of the monsoon current was unusually strong during this month, and the Bay of Bengal stronger than it had hitherto been during the rainy season. Hence skies were more clouded than usual. The only areas in which there was a deficiency were Assam, Bengal, and Behar. The deficiency was small except in Behar and East Bengal. The excess was largest in the Punjab, North-West Provinces, and the North-West Himalayas, the Central Provinces, and Eastern Rajputana.

September.—The monsoon closed abruptly over the greater part of Northern India about the middle of the month—with the sudden withdrawal of the monsoon current from the whole of North-Western India. The Bengal current was feeble and brought up less cloud than usual. Hence the average cloud amount was in defect in almost every district. The deficiency was greatest in West Rajputana (1·3), Assam (0·9), Behar, and the North-West Provinces (0·7). There was a slight excess in Orissa and Lower Burma.

October—Was chiefly remarkable for the early setting in of the north-east monsoon rains on the Coromandel Coast. They continued very steadily during the greater part of the month. There was therefore more cloud than usual in Ceylon, the Malabar coast, the Deccan and Carnatic. There was also an increased amount in Orissa and the Central Provinces, which came under the influence of the small cyclonic storms that formed in the Bay, and advanced to the west coast during the month. Over nearly the whole of Northern India, the cloud amount differed very slightly from the normal. Skies were very free from cloud in Upper India, except for a short period between the 8th and 15th, when a remarkable storm brought up a large quantity of cloud into the whole of Northern India.

November.—The variations in the amount of cloud were of a somewhat unusual character. There was less cloud in Pegu, Arakan, Bengal, Assam, and the Carnatic, or over the coast districts of the Bay. The skies were unusually clear in the Punjab, where the cloud amount was 0·7 below the average. The cloud amount was in moderate excess in the Bombay coast districts, the Deccan, Central Provinces, Central India, and Rajputana. This was due to the abnormal character of the weather in the Arabian Sea in the neighbourhood of the Bombay coast, where the weather appears to have been unusually disturbed.

December—Was a very dry month, and the skies were unusually free from cloud in all districts except those in the peninsula to the south of the Central Provinces. The deficiency was large in Assam (1·7) and in the Sikkim Himalayas (1·5). The excess was largest in the Malabar coast (1·4), Ceylon (1·3), and in the Carnatic (0·8).

The means for the whole year shew that there was slightly less cloud than usual over the whole of extra-peninsular India. The deficiency was not large, and averaged 0·2. The average cloud amount for the year was in excess over the whole of the peninsula, except in the Carnatic and Coromandel coast districts, where there was a moderate deficiency. The excess in Peninsular India averaged 0·13, so that the excess in Southern India was nearly identical in amount with the deficiency in Northern India.

The following monthly summary shews that the year was on the whole slightly less cloudy than usual. The cloud amount was in excess in January and in defect during the next four months. It was in excess during the rains until the month of September, in which

there was a large deficiency of cloud. In October, there was a slight excess, and a small deficiency in November and December.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Number of stations . .	126	125	126	126	127	127	127	127	127	126	126	125	127
Mean anomaly . .	+0·41	−0·64	−0·39	−0·11	−0·08	+0·06	+0·14	+0·36	−0·45	+0·09	−0·04	−0·10	−0·06

Table XXVII shows that in seven months the variations were opposite in character in tropical and extra-tropical India.

RAINFALL.

In the present report, the rainfall of India and its dependencies is represented by 507 stations (6 more than were given in the report for 1886); and 14 of these furnish two or more independent registers. The rainfall registers of the extra-Indian stations, Aden, Bushire, Baghdad, and Singapore, are included. The monthly and annual totals of these 523 registers are shewn in Table XIV, in the Appendix, classified under their respective administrative divisions, according to the following scheme:—

Provinces.	Stations.	Registers.
Asiatic Turkey	1	1
Arabia	1	1
Persia	1	1
Lakhadives	2	2
Beluchistan	2	2
Kashmir	1	1
Punjab	37	44
Rajputana	39	40
Central India States	18	19
North-Western Provinces	46	46
Oudh	12	12
Nepal	1	1
Bengal	84	84
Assam	15	15
Central Provinces	27	27
Berars	9	9
Hyderabad	25	28
Bombay	55	56

Provinces.	Stations.	Registers.
Madras	75	78
Mysore and Coorg	9	9
Ceylon	12	12
Burma	31	31
Bay Islands	3	3
Singapore	1	1

The stations the registers of which are now given for the first time are Baghdad in Asiatic Turkey, Minicoy Light-House in the Lakhadives, Zanzawada and Sundanully in Hyderabad, Jetalsar in Bombay, and Yewoon, Myingyan, and Alon in Burma.

The map, Plate I, shews the positions of all the stations in India and its dependencies, the registers of which are given in Table XIV (Appendix). The rain gauges in use in Bengal, Bombay, Madras, the Central Provinces, and Berar generally, and at the meteorological observatories in the North-Western Provinces, the Punjab, Burma, and other provinces, are either those of Symon's pattern, 5 inches in diameter, or Glashier's, 8 inches in diameter, and furnished with graduated measure-glasses, into which the collected rain-water is poured. The gauges are placed on the ground with the mouth, in general, about one foot above the ground level. At the revenue rain gauge stations in the Punjab and North-Western Provinces, other forms of gauge are used, generally Fleming's float-gauge, the mouth of which stands 3 feet above the ground, and the registers of which must generally be regarded as less exact.

At the majority of the stations, as far as is known, the rainfall is measured at 6 P.M. Many stations in Rajputana, Hyderabad, Madras, and Burma are exceptions to this rule, and, at most of these, it appears to be the practice to measure the rainfall at some morning hour, frequently at 6 A.M., and in Madras, at noon. It is much to be desired that this practice should be discontinued.

Table XV (Appendix) gives the number of days in 1887 on which rainfall was measured at 507 stations. From this table it appears that the wettest stations were Newera Eliya, where rain fell on 236 days, Galle with rain on 223 days, Nancowry with 222 rainy days, and Colombo with 182 rainy days. The least rainy station was Aden in Arabia, with rainfall on 5 days, giving a total of 2·2 inches. Jacobabad and Shikarpur in Sind with 6 and 7 rainy days, had 1·25 and 1·14 inches respectively. Hyderabad had 6 rainy days, Sehwan (Sind) and Dera Ghazi Khan had 7 days, Muzaffergarh had 8 days, and Jeysulmere had 9 rainy days. The rainfalls at these five stations were 3·60, 3·2, 4·6, 3·8, and 2·76 inches respectively. Leh, with 29 rainy days, had only 2·38 inches. The rainfall of Cherra Poonjee[1] was 440 inches; of Mahableshwar was 292 inches; of Baura fort, on the Western Ghats, was 248 inches; and of Kyaukpyu in Burma was 214 inches. Quantities exceeding 200 inches were also registered at Matheran on the Western Ghats

[1] According to the earlier registers, the average rainfall of this station greatly exceeded that to be deduced from the registers since 1862, and more especially from those since 1870. This is probably to be accounted for by the fact that the rain-gauge has occupied at least four different positions in the station, and, as might be anticipated, when regard is had to the very peculiar topography of the place, different parts of the little plateau are very unequally exposed to the rain-bearing current.

(209 inches), and Sandoway in Burma (205 inches). The smallest local rainfalls of the year were 1·14 inches at Shikarpur, 1·25 inches at Jacobabad, 1·81 inches at Mooltan, and 2·09 inches at Umarkot.

The following Table, XXVIII, gives the average rainfall, as deduced from the registers of past years, at 484 stations (including two stations at Alipore and two in the town of Bombay), distributed as follows :—

Provinces.	Stations.	Provinces.	Stations.
Arabia	1	Bengal, Behar, and Orissa	84
Persia	1	Assam	15
Lakhadives	1	Central Provinces	27
Beluchistan	2	Berars	9
Kashmir	1	Hyderabad	23
Punjab	37	Bombay, Guzerat, and Sind	54
Rajputana	38	Madras	75
Central India States	18	Mysore and Coorg	9
North-Western Provinces	46	Ceylon	12
Oudh	12	Burma	15
Nepal	1	Bay Islands	2
		Singapore	1

and Table XXIX gives the differences between the rainfalls of each month of 1887 and the corresponding averages of Table XXVIII :—

TABLE XXVIII.—*Average monthly and annual rainfall of 484 Stations in India, Ceylon, &c.*

Provinces.	Stations.	Number of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Arabia	Aden	6—7	0·33	0·30	0·58	0·22	0·16	...	0·02	0·40	0·10	...	0·09	0·30	2·50
Persia	Bushire	10—11	3·37	3·50	0·77	0·77	...	...	...	...	...	...	1·59	4·15	14·15
Lakhadives	Amini Divi	3—6	0·03	0·23	0·74	1·89	2·36	13·75	12·03	11·47	8·21	9·98	2·74	2·14	65·57
Beluchistan	Peshin	3	3·27	1·44	1·82	0·81	0·56	...	0·31	...	...	...	0·06	0·27	8·54
	Quetta	10	1·69	1·72	2·15	1·23	0·46	0·11	0·71	0·51	0·21	0·09	0·04	0·38	9·30
Kashmir	Leh	12	0·25	0·22	0·22	0·09	0·10	0·21	0·42	0·45	0·12	0·39	0·03	0·08	2·58
Punjab	Abbottabad	28—29	3·24	3·68	4·35	3·33	3·09	2·85	8·36	9·18	3·23	1·07	0·93	2·13	45·44
	Murree	13	2·85	3·20	3·52	4·07	3·51	2·46	11·25	14·15	5·91	2·08	1·59	1·20	55·79
	Chamba	3—4	8·91	3·76	3·44	2·61	3·81	2·15	8·45	8·85	1·12	0·27	0·38	2·45	46·20
	Dharmsala	28—29	4·61	4·43	4·06	2·08	2·97	10·26	39·63	38·06	12·52	1·65	0·34	2·39	123·00
	Kailang	4—5	4·41	2·46	3·44	2·63	1·49	1·08	0·95	1·30	0·68	0·36	0·53	0·49	19·82
	Kilba	5—6	8·87	5·36	7·54	5·52	4·61	2·55	5·62	4·25	5·40	1·38	3·17	1·85	56·12
	Simla	25—26	3·01	2·62	2·95	2·80	4·49	7·86	19·29	17·99	6·05	1·32	0·32	1·04	69·74
	Peshawar	29—30	1·58	1·19	1·80	1·91	0·67	0·32	1·69	1·97	0·82	0·23	0·57	0·57	13·32
	Kohat	27—29	1·39	1·23	1·96	1·69	1·39	1·05	4·10	2·83	1·67	0·60	0·72	0·51	19·14

TABLE XXVIII.—*Average monthly and annual rainfall of 484 Stations in India, Ceylon, &c.*—continued.

PROVINCES.	STATIONS.	Number of Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
PUNJAB—*contd.*	Bannu	25—26	0·85	0·88	1·45	1·36	0·77	0·99	2·13	2·96	0·75	0·17	0·24	0·34	12·89
	Dera Ismail Khan	25—26	0·45	0·65	0·82	0·73	0·42	0·62	1·90	1·59	0·54	0·13	0·12	0·31	8·28
	Dera Ghazi Khan	25—26	0·42	0·32	0·68	0·35	0·50	0·60	2·02	1·26	0·41	0·06	0·12	0·26	7·00
	Muzaffargarh	27—28	0·31	0·24	0·41	0·36	0·40	0·39	1·32	1·44	0·62	0·08	0·08	0·26	5·91
	Mooltan	26	0·38	0·26	0·49	0·33	0·46	0·41	2·14	1·23	0·75	0·10	0·06	0·24	6·85
	Jhang	25—26	0·47	0·40	0·82	0·43	0·49	1·01	3·67	1·99	0·72	0·18	0·05	0·32	10·55
	Montgomery	27—28	0·45	0·59	0·50	0·25	0·47	1·24	3·19	2·21	0·99	0·18	0·05	0·23	10·35
	Shahpur	33—34	0·81	1·03	0·91	0·63	0·70	1·12	3·71	3·16	1·76	0·16	0·22	0·36	14·57
	Rawalpindi	29—30	2·34	1·91	1·88	2·27	1·55	1·63	7·56	7·37	3·31	0·58	0·82	1·11	32·33
	Jhelum	26—27	1·62	1·17	1·60	1·04	0·80	1·92	6·81	5·63	2·38	0·56	0·33	0·80	24·66
	Gujrat	25—26	1·82	1·48	2·24	1·22	0·69	2·39	7·96	7·04	2·72	0·55	0·30	0·68	29·09
	Sialkot	29—30	1·42	1·72	1·81	1·58	1·15	3·11	11·37	9·42	3·16	0·58	0·35	0·81	36·48
	Gujranwala	26	1·19	1·31	1·25	0·83	0·75	1·85	7·93	6·21	2·42	0·56	0·25	0·58	25·13
	Gurdaspur	30—31	1·71	1·64	1·61	0·52	0·82	3·74	9·89	7·52	3·57	0·57	0·17	1·07	32·83.
	Dhariwal	3—4	2·85	0·32	2·62	0·28	1·09	3·51	9·48	12·81	2·40	0·28	...	1·25	36·89
	Lahore	28—30	0·69	1·08	1·02	0·57	0·92	1·80	7·22	4·76	2·35	0·55	0·14	0·47	21·57
	Amritsar	27—28	1·11	1·08	0·86	0·60	0·90	2·33	8·30	6·35	2·77	0·50	0·23	0·67	25·70
	Ferozepore	37—38	1·08	0·77	0·75	0·57	0·64	2·33	6·68	5·12	2·49	0·59	0·06	0·49	21·57
	Jullundur	35—36	1·40	1·22	1·26	0·63	0·80	2·41	8·37	7·32	3·49	0·49	0·09	0·62	28·10
	Hoshiarpur	29—31	1·65	1·56	1·47	0·64	0·97	3·22	10·20	9·47	4·34	0·42	0·07	1·17	35·18
	Ludhiana	29—32	1·41	1·17	1·56	0·91	1·18	2·32	9·64	6·82	4·39	1·18	0·10	0·85	31·53
	Umballa	36—38	1·42	1·42	1·04	0·61	1·00	4·00	11·53	8·67	4·36	0·56	0·21	0·66	35·48
	Sirsa	36—37	0·72	0·30	0·49	0·40	0·64	2·25	3·70	3·70	2·01	0·30	0·03	0·37	14·91
	Hissar	36—37	0·63	0·41	0·59	0·25	0·67	2·00	4·64	4·25	1·85	0·31	0·06	0·45	16·11
	Rohtak	34—36	0·77	0·53	0·60	0·26	0·66	2·90	6·02	5·39	2·83	0·43	0·02	0·49	20·90
	Delhi	37—39	0·99	0·49	0·72	0·37	0·67	3·34	8·62	7·21	4·51	0·50	0·07	0·36	27·85
	Gurgaon	36—37	0·90	0·29	0·52	0·16	0·71	2·85	8·97	6·97	4·53	0·43	0·02	0·30	26·65
	Karnal	31—32	1·26	1·18	0·91	0·47	1·03	4·26	9·82	6·68	3·89	0·43	0·07	0·41	30·41
RAJPUTANA	Jeysulmere	5	0·28	0·04	0·01	0·04	0·34	0·72	2·73	1·63	0·79	...	...	...	6·58
	Phalodi	3—4	0·20	...	0·05	0·09	0·36	0·92	3·32	2·67	1·03	...	...	...	8·64
	Bickaneer	10	0·28	0·22	0·06	0·20	1·42	1·86	3·67	2·61	1·34	0·08	0·08	0·02	11·84
	Nagar	4	0·23	0·01	0·02	0·06	0·33	2·62	4·14	4·25	3·67	0·17	...	...	15·50
	Didwana	3—4	0·42	...	0·18	0·03	0·46	1·71	7·53	4·34	2·87	0·06	...	0·11	17·71
	Jhunjhnu	5	0·62	...	0·16	0·07	0·69	3·86	9·29	4·70	2·82	0·14	...	0·25	22·60
	Sikar	3	?	...	?	?	?	2·02	10·78	5·66	0·56	?	?	?	?
	Sri Madhopur	3	?	...	0·42	?	1·14	3·61	17·03	7·10	2·21	0·08	...	0·44	?
	Ulwur	16	0·39	0·36	0·20	0·08	1·20	3·68	9·72	9·00	5·17	0·95	0·14	0·43	31·32
	Bhurtpore	20	0·37	0·18	0·19	0·13	0·66	1·94	9·18	8·27	4·45	0·49	0·02	0·24	26·12
	Bandikui	3	0·38	...	0·23	...	1·02	1·82	7·90	10·10	0·86	0·24	...	0·52	23·07
	Jeypore	19—21	0·29	0·15	0·17	0·19	0·62	3·19	9·45	6·81	3·21	0·23	0·08	0·40	24·79
	Sambhar	12—13	0·23	0·09	0·16	0·12	1·05	1·59	7·63	5·70	3·84	0·48	0·17	0·37	21·43

TABLE XXVIII.—*Average monthly and annual rainfall of 484 Stations in India, Ceylon, &c.*—continued.

PROVINCES.	STATIONS.	Number of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
RAJPUTANA —*contd.*	Kerowlee	8	0·33	0·02	0·08	0·05	0·59	3·31	11·73	8·59	5·23	0·18	0·01	0·24	30·36
	Lalsot	5	0·19	0·06	...	...	0·07	2·75	9·66	10·56	3·21	0·03	...	0·16	26·69
	Tonk	16	0·12	0·21	0·14	0·08	0·42	2·86	10·51	9·93	3·05	0·76	0·02	0·21	28·31
	Siwai Madhopur	3	?	...	...	?	?	?	?	?	?	?	...	0·28	?
	Deoli	26	0·25	0·16	0·14	0·17	1·07	4·27	11·38	10·45	4·87	0·48	0·13	0·18	33·55
	Kotah	16	0·14	0·23	0·06	0·02	1·06	3·47	9·94	9·40	5·29	0·47	0·04	0·31	30·43
	Jhalrapatan	17	0·19	0·36	0·17	0·01	0·59	4·68	16·59	8·96	6·24	0·64	0·14	0·45	39·02
	Ajmere	25	0·23	0·29	0·36	0·09	0·69	2·46	7·08	7·32	3·32	0·30	0·12	0·26	22·52
	Nusseerabad	22	0·11	0·42	0·10	0·04	0·64	1·73	7·31	6·00	3·08	0·26	0·11	0·26	20·06
	Malpura	5	0·24	...	...	0·01	0·36	1·27	7·28	8·75	2·10	0·05	...	0·10	20·16
	Beawar	31—32	0·22	0·12	0·15	0·11	0·40	2·07	7·75	5·97	2·90	0·21	0·14	0·19	20·23
	Jodhpore	14	0·27	0·21	0·04	0·07	0·60	1·25	3·53	4·98	2·14	0·20	0·04	0·07	13·40
	Pachpadra	7—9	0·39	0·02	0·09	...	0·75	0·77	3·10	3·32	2·11	0·06	...	0·04	10·65
	Jasol	4	0·13	...	0·16	...	0·16	2·25	4·01	3·16	1·43	0·04	...	...	11·34
	Barmer	4—5	0·16	0·01	0·10	0·02	0·06	1·27	3·38	1·90	1·47	0·04	0·01	...	8·42
	Pali	4	0·13	...	...	...	0·37	3·00	4·88	5·57	1·49	0·17	...	...	15·61
	Shahpoora	15	0·08	0·19	0·15	0·06	0·97	3·05	6·63	7·38	4·59	0·56	0·06	0·19	23·91
	Erinpura	20	0·09	0·24	0·09	0·03	0·43	1·37	5·78	4·63	2·79	0·43	0·08	0·12	16·08
	Sirohee	4	0·09	...	...	...	0·60	3·23	9·84	7·51	2·90	...	...	...	24·17
	Mount Abu	28	0·21	0·34	0·14	0·04	1·01	5·02	22·91	22·84	8·77	1·99	0·17	0·23	63·67
	Kotra	18	0·05	0·19	0·02	0·02	0·65	3·12	12·54	9·72	5·74	0·71	0·08	0·12	32·96
	Oodeypore	13—14	0·01	0·15	0·04	0·04	0·54	2·82	8·71	7·72	6·20	0·59	0·06	0·06	26·94
	Partabgarh	7—8	0·20	0·06	0·02	...	0·47	4·89	12·71	11·22	6·14	1·24	0·23	0·17	37·35
	Kherwara	30—31	0·07	0·16	0·03	0·02	0·41	3·97	8·82	7·95	4·68	0·64	0·06	0·08	26·89
	Banswara	14—15	0·44	0·14	...	...	0·30	4·82	12·46	11·30	9·37	1·03	0·14	0·39	40·39
CENTRAL INDIA	Neemuch	20—21	0·09	0·14	0·11	0·10	0·52	4·16	11·11	10·87	5·33	0·92	0·05	0·25	33·65
	Sirdarpore	20	0·20	0·23	0·01	0·01	0·20	5·32	10·12	6·43	8·10	1·03	0·23	0·14	32·02
	Agar	19—20	0·18	0·30	0·04	0·07	0·59	4·63	11·59	9·74	7·70	0·58	0·16	0·45	36·03
	Rutlam	20	0·19	0·22	...	0·02	0·46	5·64	11·88	10·65	8·64	1·09	0·30	0·13	39·22
	Indore	20	0·35	0·24	0·02	0·12	0·60	6·80	10·67	7·68	8·00	1·18	0·23	0·21	36·10
	Bhopal (Sehore)	20	0·52	0·13	0·05	0·03	0·30	6·53	18·48	12·14	9·13	1·41	0·42	0·59	49·73
	Goona	17	0·35	0·17	0·16	0·07	0·52	6·43	12·10	11·85	6·09	0·65	0·41	0·18	38·98
	Morar	16	0·34	0·28	0·22	0·12	0·50	2·89	10·78	10·94	5·52	0·60	0·02	0·35	32·56
	Nowgong	19—20	0·59	0·24	0·21	0·09	0·34	5·01	15·90	12·62	6·51	1·13	0·14	0·51	43·29
	Sutna	16	0·96	0·51	0·27	0·06	0·35	5·54	15·81	11·45	5·02	2·05	0·18	0·42	42·62
	Nagode	25	0·90	0·34	0·27	0·19	0·43	4·90	16·78	12·57	6·93	2·25	0·14	0·46	46·16
	Maihar	9—10	0·77	0·25	0·25	0·05	0·42	6·32	16·82	10·87	4·63	2·19	0·48	0·78	43·83
	Rewah	16	0·93	0·81	0·21	0·29	0·49	9·51	18·70	15·32	6·83	2·35	0·21	0·40	56·05
	Chandia	6—7	1·09	0·11	0·26	0·03	0·51	9·05	21·53	17·01	5·45	3·21	0·26	0·71	59·22
	Ramnagar	6—7	1·12	0·10	0·12	0·01	0·20	8·55	15·12	14·56	5·33	2·63	0·15	0·84	48·73
	Sihawal (Bardi)	6—7	1·07	0·02	0·85	0·05	0·38	5·72	13·08	14·54	6·96	2·83	0·32	0·86	46·68

TABLE XXVIII.—*Average monthly and annual rainfall of 484 Stations in India, Ceylon, &c.*—continued.

PROVINCES.	STATIONS.	Number of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October	November.	December.	Total.
CENTRAL INDIA —*contd.*	Sitlaha	6	1·13	0·12	0·22	0·02	0·51	6·26	16·13	13·02	5·86	3·29	0·28	0·90	47·74
	Sohagpur	5—6	1·83	0·28	0·55	0·50	0·34	7·00	18·12	10·12	7·55	3·19	1·03	0·90	51·41
N.-W. PROVINCES.	Chakrata	19	2·42	2·55	3·17	1·64	2·80	7·30	17·56	16·12	5·51	0·71	0·23	1·01	61·02
	Mussooree	23—35	2·44	2·76	2·82	1·63	2·69	9·61	30·42	30·95	9·92	1·02	0·24	1·06	95·56
	Srinagar	24	2·31	2·83	2·22	0·88	2·23	4·46	8·66	8·56	3·27	0·48	0·19	0·72	36·81
	Pauri	37—38	2·60	2·65	2·30	1·21	2·58	5·37	13·58	12·73	4·81	0·63	0·26	0·70	49·42
	Ranikhet	17	2·02	1·89	2·15	1·27	2·80	5·85	12·60	11·68	6·03	1·02	0·26	0·96	48·53
	Almora	42—44	1·96	1·84	1·76	0·99	2·25	5·82	9·63	8·24	4·67	0·94	0·19	0·62	38·91
	Pithoragarh	24	1·94	2·28	2·07	1·43	3·29	7·19	12·61	11·16	4·95	1·29	0·06	0·77	49·04
	Naini Tal	37—38	3·01	2·68	2·44	1·55	2·91	14·61	24·79	24·99	10·92	1·76	0·18	1·30	91·14
	Dehra Dun	38—40	2·21	1·84	1·32	0·67	1·53	8·63	25·22	24·92	9·16	0·81	0·14	0·57	77·02
	Saharanpur	38—40	1·46	1·33	1·09	0·37	0·81	4·57	12·34	9·79	4·18	0·47	0·17	0·68	37·26
	Roorkee	33—34	2·06	1·40	0·99	0·37	1·13	5·06	12·68	12·27	5·19	0·62	0·18	0·38	42·33
	Muzaffarnagar	38—40	1·35	0·89	0·94	0·39	0·91	3·74	10·37	7·97	4·61	0·39	0·09	0·31	31·96
	Bijnor	38—40	1·26	1·03	0·90	0·45	0·73	4·33	10·61	9·73	5·80	0·50	0·07	0·33	35·74
	Meerut	38—40	1·01	0·71	0·72	0·39	0·80	3·74	9·23	7·25	4·03	0·46	0·05	0·34	28·73
	Moradabad	38—40	1·21	0·97	0·74	0·33	0·95	5·28	13·51	9·92	5·95	0·76	0·11	0·40	40·13
	Rudarpur	28	1·29	1·11	0·90	0·24	1·12	5·93	15·02	12·21	5·39	0·78	0·05	0·51	44·55
	Pilibhit	24	1·03	1·11	0·90	0·31	1·05	6·26	15·94	12·67	8·93	1·23	...	0·55	49·98
	Bulandshahr	37—39	0·79	0·78	0·49	0·24	0·58	2·98	8·36	7·17	4·18	0·52	0·05	0·43	26·57
	Bareilly	38—40	1·03	0·73	0·69	0·25	0·86	5·96	14·39	9·41	6·79	1·28	0·06	0·31	41·76
	Budaun	38—40	0·84	0·51	0·49	0·11	0·49	3·72	10·89	8·71	6·19	0·82	0·05	0·30	33·12
	Shahjahanpur	38—40	0·85	0·62	0·53	0·18	1·05	5·60	12·36	9·33	6·91	1·23	0·08	0·28	39·02
	Aligarh	39—41	0·74	0·44	0·41	0·19	0·49	3·34	9·43	7·26	4·48	0·53	0·02	0·28	27·61
	Muttra	38—40	0·47	0·30	0·23	0·18	0·53	2·79	9·54	6·85	4·20	0·40	0·02	0·26	25·77
	Agra	39—41	0·55	0·27	0·23	0·16	0·70	2·83	10·04	6·82	4·41	0·41	0·03	0·24	26·69
	Etah	27—28	0·46	0·19	0·55	0·09	0·50	2·89	9·49	8·92	4·68	0·82	0·01	0·23	28·83
	Mainpuri	38—40	0·70	0·27	0·28	0·12	0·45	3·05	9·32	8·16	5·67	0·74	0·05	0·35	29·16
	Farrukhabad	38—40	0·64	0·28	0·38	0·10	0·53	3·69	9·76	8·40	5·38	1·06	0·05	0·29	30·58
	Etawah	38—40	0·46	0·19	0·39	0·14	0·46	2·65	8·77	8·53	4·80	1·04	0·08	0·27	27·78
	Cawnpore	38—40	0·69	0·41	0·24	0·15	0·46	3·41	9·85	9·00	4·84	1·19	0·06	0·23	30·53
	Fatehpur	37—40	0·65	0·36	0·27	0·15	0·35	3·57	9·88	9·09	5·32	1·28	0·09	0·29	31·30
	Jalaun (Orai)	26—27	0·40	0·17	0·18	0·06	0·26	2·79	10·92	10·81	5·37	0·71	0·01	0·24	31·92
	Hamirpur	38—40	0·49	0·29	0·20	0·10	0·32	4·16	11·48	8·77	5·13	0·97	0·12	0·33	32·36
	Banda	38—40	0·73	0·29	0·27	0·11	0·35	4·05	12·06	9·41	5·88	1·30	0·21	0·27	34·93
	Allahabad	38—40	0·78	0·40	0·43	0·15	0·33	4·49	11·88	9·84	6·62	2·24	0·22	0·23	37·61
	Basti	21—22	0·68	0·41	0·25	0·22	1·21	6·51	13·34	11·25	8·34	2·64	0·01	0·14	45·00
	Gorakhpur	38—40	0·68	0·53	0·39	0·37	1·48	7·68	13·09	11·75	8·70	3·21	0·16	0·13	48·17
	Azamgarh	38—40	0·55	0·43	0·35	0·16	0·92	5·22	11·30	10·46	7·67	2·48	0·09	0·14	39·77
	Jaunpur	35—37	0·69	0·37	0·32	0·14	0·85	4·93	11·72	11·75	8·03	3·09	0·14	0·14	42·17
	Benares	38—40	0·74	0·47	0·36	0·15	0·55	4·86	12·67	10·84	6·40	2·13	0·14	0·15	39·45

TABLE XXVIII.—*Average monthly and annual rainfall of 484 Stations in India, Ceylon, &c.*—continued.

PROVINCES.	STATIONS.	Number of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
N.-W. PROVINCES—*contd.*	Mirzapur	38—40	0·75	0·62	0·59	0·13	0·55	4·49	12·79	11·88	6·80	2·16	0·25	0·18	41·19
	Ghazipur	38—40	0·76	0·53	0·31	0·12	0·80	4·43	10·75	9·43	7·00	2·77	0·28	0·14	37·32
	Ballia	24	0·56	0·48	0·22	0·33	1·04	5·53	11·22	9·91	7·99	*3·86	0·16	0·14	41·44
	Dudhi	14	0·57	0·51	0·56	0·22	0·88	5·06	11·43	12·83	6·34	3·39	0·31	0·29	42·39
	Robertsganj	24	0·76	0·47	0·38	0·24	0·85	5·23	13·02	11·41	7·46	2·71	0·21	0·26	43·00
	Jhansi	27—28	0·52	0·18	0·39	0·12	0·25	4·03	13·89	10·58	5·40	0·75	0·03	0·22	36·36
	Lalitpur	27—28	0·52	0·21	0·28	0·14	0·60	4·66	13·46	11·87	6·38	0·99	0·17	0·35	39·63
	Kheri	20—21	1·08	0·70	0·61	0·25	1·09	6·41	11·17	11·57	8·14	1·74	...	0·47	43·23
	Sitapur	20—21	0·81	0·36	0·56	0·35	1·08	5·34	11·28	10·28	5·92	1·58	0·03	0·42	38·01
	Bahraich	20—21	0·79	0·78	0·39	0·34	1·56	5·97	14·28	9·76	7·68	1·77	0·03	0·48	43·83
	Gonda	20	0·73	0·40	0·29	0·09	1·19	6·16	11·94	11·45	8·30	1·39	0·04	0·33	42·31
	Hardoi	20—21	0·64	0·26	0·69	0·21	0·49	4·23	11·70	9·17	5·85	1·49	...	0·42	35·15
OUDH	Nawabganj (Bara Banki).	20—21	0·90	0·25	0·39	0·22	0·89	5·54	11·55	9·14	8·63	1·05	...	0·56	39·12
	Lucknow	20—21	0·82	0·24	0·28	0·12	0·87	4·89	10·61	10·77	7·04	1·33	0·01	0·49	37·47
	Unao	20—21	0·70	0·29	0·28	0·14	0·56	4·74	10·13	10·07	5·33	1·52	...	0·39	34·15
	Fyzabad	20—21	0·78	0·33	0·44	0·24	1·10	5·40	12·37	11·14	8·04	1·86	0·02	0·24	41·96
	Sultanpur	20—21	0·64	0·28	0·21	0·27	0·75	5·79	12·32	11·00	8·22	1·93	0·03	0·26	41·70
	Rae Bareli	20—21	0·56	0·22	0·22	0·11	0·36	4·47	10·11	9·28	7·51	1·17	0·02	0·27	34·30
	Partabgarh	20—21	0·73	0·33	0·28	0·06	0·52	4·68	10·56	10·20	7·50	1·90	0·06	0·30	37·12
NEPAL	Katmandu	32—37	0·77	1·06	1·23	2·07	3·94	9·83	13·73	14·33	7·24	2·32	0·18	0·28	56·98
BENGAL	Motiharee	28—30	0·47	0·29	0·53	0·58	2·43	8·30	10·91	12·31	8·76	3·68	0·08	0·15	48·49
	Durbhunga	17	0·52	0·45	0·24	0·59	2·58	7·92	11·88	11·40	9·62	2·98	0·06	0·18	48·42
	Sewan	17—18	0·75	0·51	0·25	0·25	1·87	6·86	11·68	10·78	8·64	4·02	0·10	0·15	45·86
	Buxar	19—20	0·77	0·33	0·29	0·17	0·99	4·88	11·02	9·90	7·24	3·32	0·15	0·22	39·28
	Chupra	32—35	0·70	0·45	0·39	0·38	1·45	6·29	10·74	9·27	7·27	3·02	0·20	0·10	40·26
	Arrah	29—32	0·83	0·56	0·51	0·53	1·56	6·64	12·45	10·11	8·44	3·02	0·20	0·15	45·00
	Patna (Bankipur)	35—36	0·67	0·47	0·35	0·28	1·78	7·03	10·97	9·96	7·83	2·91	0·20	0·17	42·62
	Mozufferpore	29—32	0·80	0·49	0·45	0·48	2·46	6·84	10·80	10·34	8·39	3·02	0·08	0·08	44·23
	Barh	17—18	0·48	0·45	0·36	0·13	2·38	5·08	12·24	9·38	7·70	3·19	0·22	0·13	41·74
	Sasseram	17—18	0·47	0·51	0·31	0·17	1·17	5·17	11·43	11·89	6·94	3·67	0·21	0·29	42·23
	Gya	26—28	0·70	0·51	0·43	0·33	1·29	6·24	11·87	9·97	7·12	2·41	0·21	0·19	41·27
	Jamoocee	16—18	0·70	0·63	0·46	0·50	2·19	6·50	12·25	11·41	7·50	2·61	0·09	0·09	44·93
	Muddehpoora	17—18	0·47	0·59	0·34	0·89	4·06	8·62	11·49	11·79	10·30	4·56	0·06	0·09	53·26
	Monghyr	33—36	0·45	0·66	0·45	0·45	2·09	6·73	11·33	10·62	8·40	3·92	0·25	0·10	45·45
	Bhagalpur	33—34	0·50	0·66	0·40	0·84	2·61	8·32	11·19	10·62	7·74	4·05	0·22	0·09	47·24
	Godda	15—16	0·35	0·57	0·43	0·50	3·60	6·81	11·07	11·43	9·77	3·07	0·09	0·13	47·82
	Palamow	17—18	0·69	0·49	0·69	0·31	1·41	6·05	12·56	11·56	7·94	2·81	0·45	0·30	45·26
	Hazaribagh	26—28	0·51	0·75	0·71	0·37	1·76	8·18	12·71	12·70	7·92	3·37	0·33	0·23	49·54
	Ranchee	30—32	0·78	1·03	1·34	0·64	2·35	7·78	12·21	12·01	8·20	3·14	0·30	0·22	50·00
	Lohardugga	4—5	0·73	0·18	0·67	0·25	3·35	8·87	13·29	12·75	10·84	2·31	0·71	0·66	54·61
	Nya Doomka	17	0·55	0·69	0·74	1·04	3·74	9·04	13·55	13·35	10·70	4·02	0·17	0·22	57·81

TABLE XXVIII.—*Average monthly and annual rainfall of 484 Stations in India, Ceylon, &c.*—continued.

PROVINCES.	STATIONS.	Number of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	Gobindpur . .	16—17	0·51	0·91	0·45	0·66	2·04	7·29	11·94	12·36	6·97	4·17	0·01	0·20	47·51
	Purulia . . .	23—25	0·38	0·93	0·93	0·82	2·78	8·95	11·07	12·60	7·75	3·74	0·16	0·27	50·38
	Sirguja . . .	6—7	1·09	0·23	0·85	0·41	0·60	10·19	17·36	20·30	7·43	1·69	1·09	0·57	61·81
	Jushpore . .	5—6	0·89	0·12	1·66	0·24	1·86	11·04	15·84	14·21	9·20	4·28	0·68	0·69	60·71
	Gangpur . .	5—6	0·28	0·64	1·00	1·32	1·64	8·68	14·47	14·52	9·88	2·17	1·13	0·89	56·62
	Chybassa . .	18—19	0 68	0·79	1·28	0·71	4·17	8·26	14·11	13·60	8·54	3·09	0·22	0·37	55·82
	Barreepudda . .	9	0·29	0·52	1·51	1·48	4·74	10·43	12·71	11·63	11·87	4·17	0·56	0·25	60·16
	Keonjhur . .	7—8	0·13	0·16	0·27	0·70	1·84	5·03	11·42	5·40	5·94	0·74	0·45	0·36	32·44
	Jellassore . .	14—15	0·68	1·03	1·03	1·34	3·37	8·01	15·19	10·82	10·48	4·63	0·40	0·11	57·09
	Balasore . .	28—29	0·71	1·18	1·72	3·04	4·95	10·18	11·91	12·49	12·47	6·77	1·07	0·25	66·74
	Bhuddruck . .	17—18	0·33	1·23	1·39	2·04	5·16	9·04	12·14	10·81	10·65	4·60	1·04	0·39	58·82
	Talcher . .	7	0·19	0·75	1·26	0·66	2·07	8·61	17·58	8·67	8·78	2·81	1·14	0·51	53·03
	Angul . . .	7—8	0·09	1·09	0·77	1·02	2·10	10·01	12·14	10·39	9·36	4·88	1·12	0·79	53·76
	Dhenkanal . .	7	0·12	0·72	1·24	0·60	2·17	10·42	16·39	11·43	10·54	4·24	0·78	0·65	59·30
	Bispara . .	6—7	0·13	0·28	0·50	0·34	1·66	11·16	12·44	9·03	9·97	3·33	0·68	0·68	50·20
	Kunjabangar . .	6—7	0·14	0·53	1·56	2·03	3·08	7·69	12·04	13·19	14·41	4·99	1·24	0·33	61·23
	Banki (Charchika) .	7—8	0·15	0·49	1·68	0·48	3·03	9·12	12·36	8·41	9·61	4·44	1·41	0·72	51·90
	Cuttack . . .	27—30	0·38	0·55	1·16	1·46	3·27	10·84	12·53	11·13	9·69	5·60	1·01	0·50	58·12
	False Point . .	20—21	0·43	0·85	1·11	2·29	3·75	9·24	14·02	13·38	11·24	10·61	2·24	0·67	69·83
	Pooree . . .	30—33	0·23	1·08	0·58	0·91	2·62	7·76	10·11	10·82	10·05	8·23	1·93	0·75	55·07
BENGAL—*contd.*	Darjeeling . .	27—30	0·72	1·10	2·34	3·95	7·67	24·69	30·07	26·62	17·71	6·25	0·20	0·21	121·53
	Mongpoo . .	14—15	0·85	0·69	2·23	3·93	10·04	29·97	30·17	26·80	16·45	5·04	0·11	0·19	126·47
	Pedong . . .	3	1·44	0·23	3·04	5·39	9·09	14·57	24·31	24·84	14·46	2·68	0·30	0·84	101·19
	Baxa . . .	18—19	1·05	0·93	3·00	8·83	21·40	44·28	47·93	44·28	32·27	10·17	0·47	0·60	215·21
	Jalpaiguri . .	18—19	0·52	0·33	1·80	3·69	11·78	29·08	25·55	26·22	24·12	5·46	0·10	0·09	128·74
	Cooch Behar . .	16—17	0·44	0·30	1·81	5·30	14·76	36·84	22·37	21·50	22·29	5·77	0·07	0·11	131·56
	Kissengunge . .	16—17	0·65	0·47	0·66	1·28	6·32	15·87	16·40	16·21	14·23	3·30	0·05	0·15	75·59
	Purneah. . .	17—18	0·47	0·57	0·39	1·28	4·42	11·40	13·93	14·35	13·99	3·97	0·07	0·16	65·00
	Rungpore . .	27—31	0·45	0·39	1·08	3·00	10·64	21·34	16·04	13·00	13·24	4·92	0·28	0·12	84·50
	Dinagepore . .	28—30	0·29	0·59	0·79	2·11	7·68	17·14	14·87	13·30	12·88	4·88	0·22	0·10	74·85
	Maldah . . .	30—32	0·66	0·75	0·88	1·40	3·91	10·11	10·61	9·91	10·91	4·31	0·21	0·34	54·00
	Bogra . . .	25—28	0·44	0·97	0·90	3·28	8·71	15·43	16·11	12·28	11·95	4·68	0·77	0·12	75·64
	Rampore Bauleah .	29—33	0·30	0·32	1·23	1·72	5·64	10·76	11·61	10·78	10·95	4·86	0·27	0·09	58·53
	Pubna . . .	24—26	0·40	1·11	1·75	3·39	6·92	11·75	10·55	12·75	11·33	4·75	0·32	0·11	65·13
	Soory . . .	25—28	0·45	0·95	0·65	0·93	3·29	10·24	12·53	12·88	9·89	3·69	0·12	0·17	55·79
	Bankoora . .	30—33	0·33	1·08	1·45	1·60	3·43	9·71	12·75	12·23	8·68	4·62	0·42	0·18	56·48
	Burdwan . .	27—28	0·31	0·76	1·35	2·38	5·15	9·54	12·29	12·33	8·24	4·53	0·50	0·18	57·56
	Hooghly . .	23—24	0·43	1·39	1·82	2·71	5·76	10·33	12·04	12·53	7·69	3·97	0·33	0·27	59·27
	Howrah . .	19—20	0·57	1·25	1·92	1·95	5·09	10·47	12·58	12·57	9·11	4·21	0·28	0·29	60·29
	Midnapore . .	22—24	0·71	0·78	1·46	1·59	5·32	9·76	12·33	12·07	8·22	5·03	0·33	0·29	57·89
	Tumlook . .	17	0·36	1·17	1·82	1·64	4·93	9·26	11·98	13·80	8·32	4·35	0·20	0·27	58·10

TABLE XXVIII.—*Average monthly and annual rainfall of 484 Stations in India, Ceylon, &c.*—continued.

PROVINCES.	STATIONS.	Number of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
BENGAL—*concld.*	Berhampore	33—35	0·45	0·94	1·16	1·90	4·92	9·63	10·36	10·79	9·76	5·34	0·28	0·13	55·66
	Kishnaghur	24—27	0·41	1·04	1·27	2·49	6·61	9·60	9·89	10·72	7·91	4·49	0·37	0·15	54·95
	Furreedpore	21	0·33	1·27	2·64	3·92	8·63	13·10	12·47	12·10	9·75	4·48	0·48	0·13	69·30
	Jessore	28—33	0·48	0·84	2·15	4·43	7·55	13·20	11·47	11·67	9·32	5·51	0·82	0·20	67·64
	Busseerhat	17—18	0·40	1·02	2·25	2·08	6·66	10·82	12·60	13·68	8·84	4·41	0·36	0·23	62·75
	Khoolna	16—17	0·59	1·21	2·14	3·17	6·62	12·99	11·50	12·19	9·85	4·19	0·45	0·34	65·24
	Burrisal	22—23	0·60	0·96	2·43	3·62	7·80	16·97	16·56	12·84	11·69	4·59	1·15	0·26	79·47
	Calcutta (Chowringhee).	6—7	0·54	1·24	1·52	1·06	5·34	10·45	13·71	13·87	10·07	4·13	0·13	0·56	62·62
	Alipore (Jail)	17—18	0·68	1·45	1·63	1·68	5·38	10·16	13·44	13·49	9·86	4·40	0·31	0·35	62·83
	Alipore (Observatory)	10—11	0·35	1·15	1·35	1·44	5·88	9·73	13·34	13·52	9·89	3·57	0·29	0·66	61·17
	Saugor Island	20—21	0·32	1·08	1·40	1·34	4·54	11·36	16·29	15·38	12·85	9·40	0·81	0·30	75·07
	Mymensingh	26—28	0·36	1·29	2·21	5·43	11·67	20·99	16·34	14·49	14·10	5·43	0·74	0·12	93·17
	Kishorganj	17—18	0·59	0·86	3·05	4·59	10·19	18·85	13·08	13·17	13·11	5·30	0·41	0·31	83·51
	Atia (Tangail)	17—18	0·42	1·17	1·45	3·41	7·04	13·15	11·28	12·01	9·86	4·92	0·25	0·10	65·06
	Dacca	37—39	0·28	1·00	2·54	5·71	9·14	13·21	12·88	12·32	10·03	5·18	0·67	0·21	73·17
	Comillah	30—31	0·60	0·88	3·06	6·38	10·40	18·73	18·04	16·45	11·53	5·19	1·29	0·26	92·81
	Agartalla	15—16	0·79	1·10	4·72	4·51	10·78	14·44	11·81	13·75	10·35	4·73	0·95	0·41	78·34
	Noakholly	29—31	0·49	0·88	2·84	4·19	9·49	24·15	20·93	22·93	16·57	7·38	1·81	0·38	112·04
	Demagiri	10—11	0·64	1·21	3·56	4·59	12·37	20·82	16·96	20·98	18·17	7·23	2·03	0·88	109·44
	Rangamatia Hill	19	0·52	1·16	2·97	3·73	10·00	18·55	19·06	18·22	12·74	6·94	1·84	0·56	96·29
	Chittagong	29—33	0·47	1·18	2·06	4·50	9·16	23·58	22·27	20·39	13·91	5·69	1·66	0·57	105·44
	Cox's Bazar	17—18	0·50	0·42	1·86	2·41	10·40	34·31	40·14	27·08	15·11	7·75	2·68	0·38	143·04
ASSAM	Sylhet	31—33	0·37	1·51	6·24	13·92	20·99	32·07	25·43	26·02	20·72	8·14	1·10	0·27	156·78
	Silchar	30—31	0·64	2·48	7·95	12·81	15·70	19·38	20·43	18·21	14·12	6·20	1·09	0·66	119·67
	Cherra Poonjee	24—31	0·78	2·46	9·44	29·51	49·93	112·75	117·87	78·17	56·86	13·24	1·89	0·30	473·20
	Tura	17—18	0·60	0·83	1·97	5·77	15·93	24·71	23·50	20·75	20·54	7·85	0·39	0·14	122·98
	Shillong	21—22	0·45	0·79	1·99	3·77	9·87	17·65	13·81	14·06	15·28	6·02	0·95	0·34	84·98
	Dhubri	16—18	0·32	0·50	2·04	5·21	15·96	26·75	14·90	11·80	12·42	4·17	0·02	0·19	94·28
	Goalpara	26	0·46	0·52	2·34	6·46	13·49	24·10	16·86	12·39	11·60	4·34	0·21	0·28	93·05
	Kulsi	7	0·44	0·40	2·52	5·60	10·75	15·61	15·45	13·63	11·29	4·01	0·12	0·17	79·99
	Gauhati	36—39	0·61	0·91	2·52	5·88	10·03	12·90	12·47	11·12	8·17	3·05	0·59	0·28	68·53
	Nowgong	32—35	0·84	1·04	2·50	5·50	9·42	13·13	16·05	14·74	11·07	4·08	0·48	0·28	79·13
	Tezpur	30—33	0·61	0·85	2·35	6·10	9·88	13·80	15·52	12·52	9·44	3·15	0·84	0·61	75·67
	Chardner	7	1·14	1·04	2·03	4·85	10·90	15·39	15·19	19·81	13·75	5·74	0·31	0·80	90·95
	Sibsagar	31—33	1·18	2·14	4·48	9·82	11·10	14·20	15·44	15·93	11·73	5·13	1·27	0·56	92·98
	Dibrugarh	24—27	1·43	2·41	5·72	9·77	13·59	18·39	19·32	18·14	14·19	6·00	1·38	0·92	111·26
	Kohima	9	0·75	1·18	3·15	3·74	7·94	14·17	16·51	15·46	10·30	3·06	1·28	0·62	78·16
CENTRAL PROVINCES	Saugor	29—32	0·69	0·49	0·17	0·17	0·60	6·26	16·97	11·22	7·31	1·34	0·38	0·64	46·24
	Damoh	29—31	0·60	0·37	0·19	0·23	0·40	6·28	16·85	12·93	7·35	1·69	0·31	0·53	47·73
	Jubbulpore	42—44	0·67	0·46	0·48	0·21	0·50	7·56	19·13	13·98	8·26	1·61	0·35	0·29	53·50
	Narsinghpur	30—33	0·44	0·31	0·24	0·24	0·49	8·10	15·74	11·82	8·34	1·67	0·22	0·45	48·06

TABLE XXVIII.—*Average monthly and annual rainfall of 484 Stations in India, Ceylon, &c.*—continued.

PROVINCES.	STATIONS.	Number of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
CENTRAL PROVINCES-*contd.*	Hoshangabad	29—33	0·35	0·13	0·22	0·04	0·52	6·45	15·76	12·88	10·39	1·26	0·37	0·56	48·93
	Khandwa	22—24	0·30	0·27	0·07	0·07	0·34	6·64	10·14	7·06	6·32	1·26	0·17	0·50	33·14
	Badnur (Betul)	31—35	0·47	0·31	0·63	0·28	0·49	7·58	13·53	8·92	7·92	1·93	0·38	0·57	43·01
	Pachmarhi	16—17	0·57	0·25	0·33	0·24	0·62	10·90	29·81	18·62	14·69	2·22	0·39	0·74	79·38
	Chhindwara	24—25	0·77	0·31	0·49	0·25	0·70	9·80	11·99	8·31	8·42	2·30	0·28	0·46	44·08
	Seoni	29—31	0·69	0·86	0·49	0·55	0·87	10·17	15·63	11·08	8·11	2·12	0·34	0·72	51·63
	Balaghat	21	0·48	0·63	0·30	0·46	0·92	12·85	23·23	16·93	9·38	1·74	0·36	0·32	67·60
	Mandla	28—31	0·59	0·56	0·76	0·54	0·54	9·39	19·01	12·20	6·55	1·06	0·23	0 37	51·80
	Bilaspur	23—25	0·50	0·30	0·81	0·82	0·99	8·90	13·58	11·26	7·64	1·74	0·44	0·31	47·29
	Saragaon	16—17	0·27	0·21	0·33	0·43	0·33	7·21	15·70	11·58	8·70	1·54	0·42	0·20	46·92
	Sarangarh	9	0·15	0·34	0·65	0·22	0·62	7·83	16·05	12·81	6·90	3·56	0·40	0·32	49·85
	Raigarh	6—7	0·15	0·01	0·49	0·19	0·87	8·73	18·05	21·38	10·31	1·99	0·60	0·53	63·30
	Sambalpur	25—27	0·58	0·60	0·69	0·53	1·53	12·75	17·75	15·35	8·79	2·31	0·31	0·37	61·56
	Raipur	23—25	0·32	0·28	0·58	0·62	0·84	10·50	15·01	11·99	7·78	2·23	0·78	0·30	51·23
	Dhamtari	21	0·23	0·39	0·30	0·19	1·42	9·49	16·43	10·01	7·00	2·07	0·38	0·17	48·08
	Bhandara	23—25	0·90	0·54	0·55	0·53	1·11	8·67	17·74	12·89	9·33	1·79	0·35	0·39	54·79
	Nagpur	40—41	0·58	0·40	0·61	0·45	0·81	8·84	13·39	8·97	7·80	2·32	0·43	0·49	45·09
	Arvi	18—19	0·58	0·18	0·50	0·15	0·86	6·32	10·16	7·59	7·79	2·50	0·37	0·51	37·51
	Wardha	23—25	0·32	0·25	0·32	0·34	0·84	6·56	12·87	9·13	7·91	2·22	0·40	0·48	41·64
	Brahmapuri	21	0·42	0·17	0·63	0·33	0·85	9·56	19·69	12·86	8·84	2·14	0·37	0·49	56·35
	Chanda	23—25	0·17	0·68	1·07	0·69	2·43	7·74	15·88	12·20	8·62	2·44	0·76	0·42	53·10
	Sironcha	23—25	0·12	0·36	0·46	0·44	1·79	7·17	13·61	11·17	8·38	2·50	0·63	0·22	46·85
	Bastar (Jagdalpore)	5—6	0·17	0·08	0·47	3·22	1·52	12·50	17·73	12·64	8·21	2·58	1·15	0·41	60·68
BERARS	Makhla	9—10	0·31	0·26	0·14	0·07	0·44	11·37	23·69	15·88	14·66	4·49	0·82	1·27	73·40
	Chikalda	16—17	0·54	0·12	0·32	0·15	0·53	11·84	19·31	16·58	12·92	4·92	0·70	1·25	69·18
	Ellichpur	27—28	0·40	0·10	0·39	0·20	0·37	6·37	8·11	5·69	5·51	2·68	0·57	0·67	31·06
	Amraoti	28—29	0·46	0·20	0·32	0·23	0·67	6·99	9·08	7·07	5·34	1·83	0·28	0·59	33·06
	Akola	26—27	0·47	0·13	0·43	0·11	0·24	5·34	8·24	6·59	5·75	2·46	0·51	0·80	31·07
	Buldana	26—27	0·63	0·13	0·25	0·26	0·55	6·38	8·31	7·55	6·44	2·42	0·48	0·63	34·03
	Basim	22	0·31	0·06	0·18	0·32	0·59	8·31	11·31	7·76	7·08	2·09	0·67	0·67	39·35
	Yeotmal	23	0·22	0·10	0·39	0·29	0·97	7·86	13·61	9·08	7·08	2·61	0·47	0·55	43·23
	Wun	21—23	0·27	0·13	0·55	0·12	0·50	6·76	12·75	10·58	6·40	1·77	0·70	0·40	40·93
HYDERABAD	Aurangabad (Cant.)	13	0·08	0·02	0·04	0·20	0·82	6·41	7·12	5·93	7·08	2·90	0·67	0·90	32·17
	Jalna	9	0·05	0·01	0·04	0·07	0·79	7·27	6·85	5·40	7·16	3·81	0·91	1·25	33·61
	Hingoli	24	0·42	0·08	0·20	0·56	0·85	6·92	10·42	7·96	7·24	2·50	0·79	0·54	38·48
	Parbhani	12	0·03	...	0·10	0·30	0·84	5·73	7·55	7·16	8·17	2·99	0·71	0·46	34·04
	Nandair	12	0·14	...	0·16	0·32	1·01	6·23	8·55	8·80	7·37	3·05	0·50	0·92	37·05
	Bheer	12	0·17	0·02	0·12	0·27	0·40	5·22	5·39	6·48	7·62	2·83	0·98	0·90	30·40
	Mominabad	7—8	0·06	...	0·18	0·50	0·72	7·24	5·30	7·81	9·98	2·84	1·03	1·32	36·98
	Indur	12	0·05	0·01	0·28	0·35	0·35	4·55	10·88	10·01	7·41	2·60	1·04	0·43	37·96
	Yelgandal	12	0·06	0·16	0·53	0·51	1·10	5·33	7·67	7·10	6·90	3·21	0·96	0·44	33·97

TABLE XXVIII.—*Average monthly and annual rainfall of 484 Stations in India, Ceylon, &c.*—continued.

PROVINCES.	STATIONS.	Number of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
HYDERABAD—*contd.*	Medak	12	0·03	0·14	0·38	0·78	0·70	4·79	7·73	8·98	7·00	2·63	0·73	0·35	34·24
	Ibrahimpatan	12	0·08	0·06	0·63	0·67	1·24	4·98	6·30	7·56	5·81	2·94	1·68	0·26	32·21
	Naldurg	12	...	...	0·19	0·24	1·32	6·78	5·41	8·84	10·32	3·51	0·59	0·59	37·79
	Bidar	12	...	...	0·35	0·91	1·02	6·29	9·48	10·52	9·42	3·80	0·91	0·69	43·39
	Gulbarga	12	0·06	0·13	0·24	0·77	1·44	4·90	4·83	7·21	6·60	3·16	0·45	0·46	30·25
	Bolarum	18	0·14	0·18	0·43	0·52	1·23	3·68	6·33	6·66	5·81	3·41	0·75	0·46	29·60
	Secundarabad	44—45	0·28	0·22	0·72	0·72	1·41	3·68	5·92	5·73	5·29	3·32	0·86	0·26	28·41
	Hyderabad (Residency.)	19	0·13	0·06	0·29	0·62	0·96	4·35	6·14	6·37	6·87	3·63	1·28	0·63	31·33
	Nalgonda	12	0·19	0·01	0·38	0·36	1·39	3·44	4·21	4·81	5·93	4·11	1·87	0·22	26·92
	Khamam	12	0·26	0·23	1·12	0·34	0·94	4·68	7·49	6·78	5·90	2·61	1·27	0·52	32·14
	Sirpur	3—4	...	...	0·27	0·35	0·52	10·11	15·81	6·91	3·93	2·94	0·66	2·02	43·52
	Nagar Karnul	12	0·05	0·03	0·35	0·45	1·51	4·06	6·57	6·75	5·24	3·18	0·66	0·48	29·33
	Raichur	12	0·05	...	0·26	0·52	1·22	4·27	3·76	5·56	4·93	4·14	0·76	0·12	25·59
	Raichur (Cant.)	3—4	...	...	0·02	0·15	3·42	4·12	3·69	7·05	4·65	3·52	1·32	0·32	28·26
BOMBAY	Dhulia	18—27	0·32	0·05	...	0·03	0·41	5·05	5·06	4·03	4·59	1·99	0·79	0·37	22·69
	Nasik	27—31	0·07	0·04	0·02	0·09	0·65	5·90	7·65	5·16	5·21	3·92	0·64	0·23	29·58
	Igatpuri	18—25	0·15	0·09	0·05	0·07	1·08	21·78	48·05	32·61	17·17	4·83	0·44	0·25	126·57
	Malegaon	18—27	0·22	0·16	0·01	0·22	0·71	5·22	4·23	4·33	6·21	2·55	0·56	0·55	24·97
	Ahmednagar	31	0·37	0·07	0·17	0·45	1·36	4·64	3·14	4·25	6·79	3·27	0·99	0·46	25·96
	Poona	44	0·22	0·04	0·16	0·54	1·61	5·55	6·74	4·05	4·35	4·07	0·85	0·34	28·42
	Lanauli	14	0·05	0·02	0·11	0·11	0·61	28·35	66·54	39·72	23·27	4·58	0·49	0·26	164·11
	Satara	32—33	0·31	0·07	0·07	0·84	1·44	7·71	13·41	7·12	4·60	3·54	1·65	0·50	41·26
	Mohableshwar	31—33	0·36	0·05	0·35	0·86	1·39	47·81	102·71	68·82	32·91	5·70	1·20	0·41	262·57
	Sholapur	34—35	0·04	0·10	0·25	0·67	1·19	4·71	4·37	6·22	7·55	3·67	0·66	0·38	29·81
	Kolhapur	26—28	0·03	0·02	0·07	1·31	2·07	7·52	11·90	6·76	4·03	5·19	0·70	0·21	39·81
	Batra	14—16	0·14	0·01	0·04	0·48	2·15	54·18	87·41	58·86	34·84	11·57	1·90	0·49	252·07
	Belgaum	35—36	0·07	0·02	0·51	1·99	2·75	9·31	15·28	8·85	3·64	4·91	1·29	0·30	48·92
	Gokak	19—26	0·05	...	0·38	0·99	1·88	3·44	2·21	2·25	3·21	6·30	0·99	0·88	22·58
	Dharwar	21—28	0·13	0·01	0·31	1·31	2·76	5·24	6·34	4·91	3·32	6·31	2·08	0·52	33·24
	Hubli	17—24	0·06	...	0·26	1·40	2·36	4·14	4·46	3·16	3·11	5·71	1·14	0·28	26·08
	Nargund	17—24	0·18	0·10	0·20	0·93	2·21	2·89	1·92	2·96	4·11	6·29	0·77	0·38	22·94
	Mandargi	14	0·29	...	0·20	0·64	1·90	1·97	1·90	2·17	3·70	4·43	1·17	0·13	18·50
	Kalghatgi	17—24	0·06	...	0·22	1·18	1·75	5·41	7·37	4·48	3·37	4·96	0·93	0·28	30·01
	Bijapur	18—26	0·05	0·02	0·18	0·63	0·89	3·35	2·49	3·99	6·03	4·66	1·12	0·89	24·30
	Honawar	24—26	0·23	...	0·14	0·26	3·26	40·16	42·96	26·99	15·17	6·79	1·22	0·17	137·35
	Karwar	26—27	0·15	...	0·06	0·30	2·89	35·30	37·62	21·71	12·08	5·49	1·70	0·16	117·46
	Goa	27—28	0·13	...	0·02	0·09	1·53	32·58	33·92	20·00	10·52	4·59	1·15	0·12	104·65
	Vingurla	19—26	0·17	...	0·05	0·07	1·77	34·44	35·35	21·63	11·65	4·82	0·97	0·25	111·17
	Ratnagiri	19—31	0·90	0·01	...	0·15	1·35	31·63	33·37	20·29	13·12	3·49	0·78	0·09	105·18
	Colaba (Obsy.)	41—71	0·11	0·02	...	0·03	0·53	20·84	24·76	15·12	10·89	1·83	0·49	0·06	74·68
	Byculla (J. J. Hospital)	19—26	0·12	...	0·01	...	0·41	21·71	27·79	17·52	12·49	2·79	0·05	0·06	82·95

TABLE XXVIII.—*Average monthly and annual rainfall of 484 Stations in India, Ceylon, &c.*—continued.

PROVINCES.	STATIONS.	Number of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
BOMBAY—*contd.*	Tanna	19—30	0·03	0·07	0·01	...	0·41	25·11	36·19	20·87	12·66	3·28	0·09	0·07	98·79
	Matheran	17	0·06	0·01	0·01	0·03	0·77	36·32	84·81	50·39	30·36	5·05	0·73	0·07	208·61
	Surat	19—25	0·03	0·02	...	...	0·22	9·34	14·09	9·66	7·01	1·38	0·17	0·05	41·97
	Broach	19—26	0·06	0·02	0·01	...	0·12	6·91	15·30	8·67	6·98	1·64	0·20	0·05	39·96
	Kaira	19—27	0·03	0·19	0·01	0·05	0·32	4·41	14·50	8·96	4·85	0·48	0·24	0·08	34·06
	Bariya	19	0·08	0·28	...	...	0·16	5·89	18·49	11·09	10·01	0·92	0·09	0·12	47·13
	Godhra	19—22	0·05	0·13	0·01	0·01	0·39	5·21	16·77	11·29	8·28	1·04	0·14	0·11	43·43
	Dohad	15	0·07	0·20	0·02	0·03	0·37	3·50	10·06	7·78	7·39	1·03	0·12	0·13	30·70
	Ahmedabad	19—27	0·01	0·07	0·02	0·03	0·66	3·58	11·59	8·56	4·17	0·57	0·05	0·05	29·36
	Edar	18—20	0·03	0·16	...	0·02	0·68	3·57	17·21	11·43	6·80	0·38	0·09	0·07	40·44
	Deesa	30—32	0·11	0·17	0·09	0·05	0·17	2·18	9·73	8·33	3·22	0·79	0·06	0·05	24·95
	Wadhwan	17	0·03	0·03	0·05	0·01	0·13	2·72	7·72	3·45	3·83	0·37	0·25	0·04	18·63
	Palanpur	16—20	0·05	0·19	10·05	0·01	0·65	2·34	11·27	11·63	5·21	0·72	...	0·08	32·20
	Rajkot	21—27	0·05	0·07	0·01	0·01	0·37	5·33	10·59	6·60	4·16	0·75	0·21	0·06	28·21
	Songad	13	0·05	0·10	0·05	0·03	0·28	3·06	9·83	4·44	6·00	1·35	0·09	0·05	25·33
	Manakwara	12—13	0·06	0·05	0·08	0·10	0·15	5·33	13·77	5·29	4·80	1·52	0·16	0·06	31·37
	Bhuj	18—27	0·04	0·10	0·10	0·15	0·15	2·28	5·36	3·52	2·30	0·79	0·02	0·04	14·85
	Rhahpur	10	0·03	...	0·11	0·12	0·22	1·07	7·74	3·51	3·39	0·96	...	0·02	17·17
	Nagar	23—25	0·11	0·06	0·05	0·03	0·27	1·95	5·70	5·83	1·76	0·34	...	0·02	16·12
	Kurrachee	30—32	0·62	0·24	0·16	0·18	0·05	0·19	3·03	1·72	0·83	0·66	0·07	0·17	7·32
	Sehwan	22—23	0·42	0·22	0·21	0·19	0·12	0·17	2·03	2·38	0·71	...	0·08	0·14	6·67
	Tatta	19	0·25	0·11	0·12	0·46	0·02	0·80	3·46	1·38	1·09	...	0·10	0·05	7·84
	Hyderabad (Obsy.)	21—25	0·23	0·13	0·11	0·20	0·06	0·38	2·76	3·13	0·77	...	0·08	0·01	7·85
	Umarkot	19—23	0·16	0·06	0·13	0·13	0·08	0·91	3·69	4·12	1·08	0·23	...	0·01	10·60
	Shikarpur	23—25	0·31	0·26	0·43	0·19	0·07	0·10	1·25	1·60	0·24	...	0·05	0·11	4·61
	Rohri	26—27	0·34	0·47	0·48	0·28	0·21	0·30	1·25	1·39	0·34	0·02	0·08	0·18	5·29
	Jacobabad	27	0·26	0·22	0·31	0·17	0·13	0·07	1·01	1·38	0·25	0·01	0·08	0·09	3·98
MADRAS	Ganjam	24—25	0·15	0·51	0·84	0·81	1·50	5·07	5·31	6·01	8·64	9·24	1·68	1·17	40·93
	Gopalpur	7—8	0·18	0·57	0·79	0·73	2·34	7·61	8·10	8·15	8·39	11·06	4·76	1·66	54·34
	Aska	24—25	0·22	0·49	1·29	1·52	3·21	5·99	7·02	8·64	8·88	6·78	1·95	0·66	46·65
	Vizianagram	25	0·16	0·43	0·86	0·42	2·55	4·49	4·95	6·57	7·68	8·44	2·27	1·53	40·35
	Bimlipatam	28	0·28	0·48	0·22	0·17	1·96	3·31	3·62	4·48	6·27	8·07	2·51	1·27	32·64
	Rayaghadda	7	0·12	0·10	1·28	1·59	4·06	7·10	10·70	10·62	5·39	4·17	1·93	0·71	47·77
	Nourangapur	5—6	0·21	0·31	0·45	1·05	1·33	9·12	23·71	16·26	10·68	3·61	0·80	0·16	67·69
	Gunipur	4—6	0·06	0·59	1·01	2·35	2·77	6·54	10·70	9·20	7·20	4·46	1·29	0·58	46·75
	Jeypur	6	...	...	0·47	0·71	1·76	14·27	23·77	16·18	12·17	4·18	1·24	0·05	74·80
	Koraput	7	...	...	0·24	0·69	2·12	9·82	17·49	12·73	8·79	3·69	1·48	0·38	57·43
	Malkanagiri	4—6	0·03	...	0·16	0·65	1·12	10·34	21·63	15·38	16·48	2·78	0·93	0·13	69·63
	Narsapatnam	18	0·33	0·43	1·00	1·05	4·14	4·57	5·21	5·81	8·12	8·24	3·19	1·12	43·21
	Vizagapatam	22	0·36	0·25	0·39	0·52	3·05	4·62	4·88	6·59	7·52	11·50	4·37	2·06	46·11
	Cocanada	25	0·24	0·22	0·19	0·42	2·14	4·42	5·53	5·21	6·39	8·95	3·48	0·97	38·16

TABLE XXVIII.—*Average monthly and annual rainfall of 484 Stations in India, Ceylon, &c.*—continued.

PROVINCES.	STATIONS.	Number of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	Rajahmundry	26	0·17	0·26	0·26	0·90	3·23	4·55	7·10	6·46	7·00	6·44	1·73	0·20	38·30
	Ellore	25	0·24	0·12	0·44	0·58	1·52	4·27	5·61	6·81	7·26	5·99	2·58	0·43	35·85
	Masulipatam	25	0·26	0·11	0·34	0·04	1·67	4·43	5·49	6·09	6·42	8·59	4·01	0·66	38·11
	Guntur	28	0·34	0·13	0·53	0·57	1·86	3·53	4·78	6·35	5·70	6·64	2·22	0·52	33·17
	Vinukonda	18	0·30	0·01	0·24	0·37	1·52	2·57	2·65	4·16	4·51	6·68	3·36	0·83	27·20
	Ongole	18	0·29	0·03	0·24	0·17	1·66	1·98	3·18	4·04	5·14	9·79	6·55	1·28	34·35
	Nellore	24—25	0·45	0·09	0·23	0·11	1·45	1·52	2·15	3·09	3·16	10·56	11·50	3·79	38·10
	Udayagiri	18	0·42	0·20	0·30	0·31	1·78	1·33	1·64	1·95	2·70	9·09	7·72	2·56	30·00
	Tada	17	0·71	0·66	0·29	0·15	2·53	2·43	2·67	4·14	3·49	9·79	13·59	4·17	44·62
	Kurnool	27—28	0·05	0·04	0·44	0·69	1·93	3·36	5·00	6·22	6·15	4·05	0·80	0·20	28·93
	Cumbum	18	0·11	0·05	0·45	0·16	1·91	2·33	2·97	3·03	3·87	5·93	3·68	0·75	25·24
	Nandyal	18	0·09	0·03	0·17	0·39	1·45	4·85	5·66	7·71	9·09	5·13	1·11	0·30	35·98
	Bellary	34	0·14	0·04	0·53	0·73	1·77	1·86	1·38	2·27	3·69	3·91	1·00	0·27	17·59
	Gooty	31—32	0·05	0·06	0·06	0·44	1·85	2·64	2·90	4·17	4·40	4·22	1·07	0·15	22·01
	Adoni	18	0·06	...	0·04	0·53	1·71	4·10	4·04	5·66	5·50	4·88	0·67	0·08	27·27
	Dharmavaram	18	0·01	0·16	0·25	0·34	1·79	2·44	1·60	3·36	4·25	5·11	1·86	0·21	21·38
	Cuddapah	34—35	0·11	0·01	0·23	0·31	1·59	2·71	3·42	5·27	5·81	5·37	3·22	0·74	28·79
	Madnapalle	18	0·16	0·11	0·46	0·68	2·95	2·94	2·02	3·15	4·61	7·07	4·30	1·14	28·69
	Chittoor	25	0·31	0·20	0·42	0·43	3·25	2·44	2·96	5·32	5·85	6·72	4·93	2·22	35·05
	Vellore	24—25	0·63	0·31	0·17	0·44	3·13	2·55	3·28	5·17	5·45	7·20	6·44	3·05	37·82
MADRAS—*contd.*	Chandragiri	18	0·30	0·23	0·33	0·47	2·19	2·59	2·75	3·94	4·92	6·78	7·43	2·25	34·18
	Arcot	24—25	0·41	0·54	0·40	0·47	2·45	2·63	3·40	6·02	5·50	6·12	6·30	2·70	36·94
	Madras	75	0·94	0·29	0·41	0·63	2·21	2·07	3·78	4·48	4·75	10·99	13·75	5·24	49·54
	Palmaner	25	0·20	0·20	0·33	0·52	2·78	2·56	2·61	4·48	5·31	6·57	4·47	1·71	31·74
	Saidapet	9	0·85	0·27	0·39	0·17	0·90	2·08	3·77	4·08	4·98	13·16	18·02	7·02	55·69
	Chingleput	23—25	0·44	0·29	0·15	0·14	1·71	2·53	3·23	4·75	4·95	7·85	9·96	3·83	39·83
	Conjeeveram	24—25	0·49	0·38	0·16	0·32	2·16	2·48	3·98	5·88	6·16	7·15	8·72	3·28	41·16
	Tindivanam	24—25	0·39	0·52	0·28	0·48	2·50	2·07	2·91	7·01	6·80	8·36	8·77	3·78	43·87
	Cuddalore	26—27	0·93	0·27	0·38	0·89	1·55	1·40	2·36	5·18	4·77	8·98	14·19	6·16	47·06
	Vriddhachalam	24	0·44	0·30	0·25	0·43	2·02	1·38	2·73	5·39	4·77	6·78	7·37	3·89	35·75
	Udayarpalaiyam (Jyankonda Cholapuram).	23	0·78	0·31	0·21	0·77	3·19	1·73	2·60	4·99	4·51	7·52	7·82	4·40	38·83
	Salem	27—28	0·33	0·07	0·98	1·97	4·78	3·21	3·65	6·01	6·10	7·50	2·62	0·97	38·19
	Atur	25	0·39	0·23	0·68	1·30	4·40	1·46	2·71	4·25	4·83	7·75	4·90	1·34	34·24
	Shevaroy Hills	24—25	0·37	0·15	0·83	2·29	6·59	5·55	7·30	10·55	8·48	10·98	6·28	3·64	63·01
	Kumbakonam	24—25	0·65	0·46	0·46	0·62	1·99	2·00	2·47	4·86	4·35	8·57	8·90	5·65	40·98
	Tirupatur	18	0·13	0·30	0·59	0·69	5·23	2·75	3·35	5·56	6·88	6·77	4·28	1·04	37·57
	Hosur	18	0·23	0·26	0·66	1·19	4·69	1·94	2·71	5·05	4·81	6·28	3·85	1·21	32·88
	Tranquebar	23—24	1·16	0·36	0·16	1·07	1·65	1·25	2·03	4·13	3·56	9·93	15·58	10·03	50·91
	Negapatam	24—25	1·20	0·86	0·27	0·99	1·90	1·46	1·32	3·34	3·59	9·24	15·35	10·56	50·08
	Tanjore	24—25	0·65	0·41	0·51	0·84	1·82	1·46	1·84	3·78	4·22	6·19	3·94	4·28	31·94
	Putukota	18	1·17	0·80	0·43	1·07	2·18	1·95	1·62	5·35	3·37	6·81	8·08	5·90	38·73

TABLE XXVIII.—*Average monthly and annual rainfall of 484 Stations in India, Ceylon, &c.*—continued.

PROVINCES.	STATIONS.	Number of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
MADRAS—*concld.*	Trichinopoly	34—36	0·99	0·49	0·73	1·83	3·76	1·33	2·10	4·50	5·20	7·80	5·22	3·15	37·10
	Karur	24—25	0·28	0·11	0·41	1·82	3·93	1·30	1·21	3·41	3·31	6·20	2·88	1·53	26·39
	Coimbatore	25—27	0·26	0·14	0·62	1·80	2·58	1·83	1·27	1·18	1·22	5·82	3·48	1·17	21·37
	Kollegal	18	0·21	0·05	0·65	1·46	6·02	2·01	2·45	5·24	5·84	8·21	2·55	0·76	35·45
	Dindigul	25	0·58	0·30	0·57	1·67	3·06	1·68	1·60	2·19	2·93	6·27	4·91	2·65	28·41
	Madura (Observatory)	27	0·70	0·40	0·62	2·00	2·87	1·71	1·63	4·67	4·54	8·69	5·07	2·26	35·16
	Pasumali	30—36	0·72	0·45	0·78	2·20	2·99	1·15	2·28	4·40	4·15	7·91	4·88	2·33	34·24
	Vattanum	17—18	1·16	0·94	0·70	2·82	1·82	0·91	0·90	2·02	1·90	7·43	8·46	6·60	35·66
	Periyakulam	17—18	0·75	0·76	1·79	2·27	2·72	1·04	0·65	1·94	2·34	6·69	4·90	1·54	27·39
	Tinnevelly	26—27	1·26	0·89	1·41	1·88	1·56	0·72	0·32	0·56	0·87	6·23	9·47	3·44	28·61
	Tuticorin	24—25	1·05	0·56	0·77	1·62	0·84	0·16	0·20	0·38	0·63	3·74	8·33	2·43	20·71
	Satur	18	0·38	0·59	1·00	1·51	2·13	0·68	0·97	1·61	1·89	6·36	4·07	1·83	23·02
	Cochin	31—32	0·91	0·72	2·08	4·55	12·50	31·03	22·39	12·19	9·36	12·15	5·06	1·94	114·88
	Palghat	25	0·06	0·10	0·46	1·91	4·49	17·85	19·84	10·62	5·98	7·22	3·37	0·90	72·80
	Wellington	11—13	0·73	0·34	2·18	3·00	3·25	3·61	3·03	4·08	4·48	9·89	8·57	4·58	47·74
	Manantoddy	20	0·23	0·29	1·09	2·74	4·68	22·70	30·92	16·95	7·52	6·14	2·43	0·70	96·39
	Calicut	26—27	0·15	0·16	0·89	2·83	9·31	35·39	29·82	13·93	7·82	8·70	3·73	1·67	114·40
	Tellichetry	24—25	0·38	0·06	0·36	2·85	8·74	39·60	36·62	17·00	9·91	7·14	3·31	0·88	126·85
	Cannanore	24—25	0·49	0·23	0·12	1·89	6·86	38·64	35·94	17·30	8·81	8·05	3·23	0·56	122·12
	Mangalore	29—34	0·15	0·08	0·11	1·97	7·91	38·30	37·54	22·90	11·41	8·15	1·96	0·52	131·00
MYSORE AND COORG.	Bangalore	51—52	0·21	0·14	0·57	1·26	4·95	3·22	3·99	5·92	6·31	6·47	1·93	0·70	35·67
	Mysore	49—51	0·09	0·13	0·67	2·17	5·66	1·91	2·29	3·21	3·91	6·52	1·74	0·50	28·80
	Shimoga	50—51	0·07	0·13	0·34	1·80	3·24	4·75	6·68	4·19	3·08	5·02	1·32	0·39	31·01
	Mercara	24	0·28	0·04	1·06	2·24	5·92	26·22	42·23	25·14	12·38	8·32	2·88	0·61	127·32
	Kolar	18	0·27	0·02	0·69	0·88	3·40	3·02	3·08	4·67	4·69	6·25	3·11	1·01	31·09
	Tumkur	42	0·19	0·24	0·38	1·20	4·56	3·81	3·49	5·23	5·34	7·00	1·45	0·39	33·28
	Chitaldroog	18	0·28	0·02	0·13	1·08	3·50	2·78	2·54	3·02	3·82	5·27	2·09	0·50	25·03
	Chikmagalur	18	0·33	0·12	0·84	1·71	5·01	4·30	6·22	3·56	3·37	7·50	2·52	0·72	36·20
	Hassan	17	1·07	0·13	0·54	1·21	4·48	4·12	4·78	2·73	2·38	5·58	1·68	0·73	29·43
CEYLON	Jaffna	17	2·22	1·51	1·19	2·08	2·20	1·13	0·63	1·17	2·69	9·65	14·33	10·58	49·38
	Manaar	16—18	2·36	1·83	1·98	2·27	2·72	0·89	0·23	0·61	0·77	8·29	10·43	8·55	40·93
	Trincomalee	17—18	5·86	2·32	1·22	1·75	2·10	1·96	2·19	4·54	4·44	8·79	12·87	14·08	62·12
	Batticaloa	17—18	7·93	3·53	3·03	1·46	1·85	1·24	0·82	2·78	2·22	5·54	12·50	16·18	59·08
	Hambantota	18	3·23	1·74	2·07	1·97	3·63	2·13	1·31	1·48	2·41	5·10	6·58	4·54	36·19
	Galle	18	4·45	3·43	4·44	8·91	11·23	8·20	5·54	5·43	7·35	13·23	11·60	6·83	90·64
	Ratnapura	18	5·02	4·18	8·34	11·75	18·97	20·43	11·97	13·77	14·96	18·04	14·87	8·68	150·08
	Colombo	18	3·00	1·74	5·28	9·58	13·29	8·13	5·23	4·50	4·67	12·90	12·37	6·41	87·10
	Kandy	18	4·96	2·77	2·97	7·27	6·50	8·97	7·66	6·13	5·76	11·32	11·71	8·82	84·84
	Newera Eliya	17—18	5·37	2·49	2·84	5·73	8·03	14·08	13·48	9·07	8·80	10·85	9·18	8·61	98·55
	Puttalam	17—18	1·76	1·45	2·64	5·61	4·12	1·72	0·49	0·95	1·21	7·29	10·84	6·22	44·30
	Anuradhapura	16—18	2·66	1·46	3·03	7·50	3·30	1·70	0·89	2·43	2·92	7·58	11·98	9·38	54·83

TABLE XXVIII.—*Average monthly and annual rainfall of 484 Stations in India, Geylon, &c.*—concluded.

PROVINCES.	STATIONS.	Number of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
BURMA	Akyab	30—31	0·14	0·18	0·50	1·55	12·37	50·28	51·06	38·73	23·19	12·07	3·73	0·57	194·37
	Kyaukpyu	22	0·14	0·05	0·34	0·77	10·23	41·08	47·92	42·62	21·38	9·84	4·46	0·49	179·32
	Sandoway	25—27	0·09	0·06	0·14	1·11	13·52	50·12	61·50	47·77	24·75	10·55	3·10	0·17	212·88
	Rangoon	18	0·15	0·14	0·07	1·75	11·13	18·54	21·76	18·30	16·07	7·75	3·19	0·07	98·92
	Bassein	18	0·12	0·25	0·06	1·26	7·94	18·48	25·00	22·32	15·08	7·90	3·97	0·10	102·48
	Diamond Island	8—10	0·34	0·17	0·01	1·46	8·98	22·34	25·69	21·49	19·22	9·23	8·89	1·36	119·18
	Henzada	17	0·06	0·30	...	0·61	7·02	15·84	20·82	16·90	11·45	4·97	2·10	0·04	80·11
	Myanaung	13—14	0·04	0·04	0·02	0·98	5·05	10·42	10·12	9·54	9·17	4·21	2·00	0·14	51·73
	Prome	18	0·01	...	0·01	0·77	5·60	9·40	8·98	10·52	7·71	5·06	2·02	0·03	50·11
	Thayetmyo	18	0·01	0·02	0·06	0·67	5·16	7·60	8·05	8·20	7·77	4·85	2·20	0·04	44·63
	Toungoo	18	0·03	0·16	0·04	1·58	6·48	13·34	17·66	18·22	12·05	7·25	1·28	0·19	78·28
	Shwegyin	19	0·03	0·43	0·32	2·30	11·01	29·57	34·47	31·85	19·85	9·75	1·93	0·09	141·60
	Moulmein	38	0·02	0·08	0·20	3·01	19·44	38·18	44·48	42·45	30·49	8·39	1·42	0·02	188·18
	Tavoy	30—31	0·18	0·55	0·78	4·05	16·60	39·53	46·17	41·80	33·67	10·27	2·14	0·13	195·87
	Mergui	23—24	0·43	1·51	2·42	5·87	16·77	29·88	32·03	27·87	26·38	13·21	3·54	0·50	160·41
BAY ISLANDS	Port Blair	20	0·86	1·27	0·51	2·35	16·22	18·11	16·46	15·40	19·10	11·74	9·26	5·54	116·82
	Nancowry	14—15	2·84	2·00	2·39	4·90	12·94	13·31	13·15	11·90	11·21	13·33	13·18	12·12	113·27
STRAITS SETTLEMENTS	Singapore	19	7·94	6·18	6·17	6·77	7·06	7·13	6·06	8·68	6·78	8·38	10·21	10·35	91·71

TABLE XXIX.—*Comparison of the monthly and total rainfall in 1887, with the averages of Table XXVIII.*

PROVINCES.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
ARABIA	Aden	— 0·30	— 0·30	— 0·58	— 0·22	— 0·16	0	— 0·02	+ 1·57	+ 0·10	0	— 0·09	— 0·30	— 0·30
PERSIA	Bushire	+ 0·07	— 2·51	— 0·60	— 0·77	0	0	0	0	0	0	— 0·47	+ 3·01	— 1·27
LAKHADIVES	Amini Divi	— 0·03	— 0·23	+ 2·13	+ 0·88	+ 0·62	+ 8·58	— 3·78	— 5·16	— 2·81	— 3·50	— 1·50	+ 1·65	— 3·15
BELUCHISTAN	Peshin	— 0·93	— 0·80	— 1·82	— 0·26	— 0·56	0	— 0·07	0	0	0	— 0·06	+ 0·12	— 4·38
	Quetta	+ 1·08	— 1·25	— 2·15	— 0·64	— 0·46	— 0·11	— 0·49	— 0·51	— 0·21	— 0·09	— 0·04	— 0·02	— 4·89
KASHMIR	Leh	+ 0·21	— 0·16	+ 0·34	— 0·09	— 0·06	+ 0·06	— 0·42	+ 0·47	— 0·12	— 0·34	— 0·03	— 0·06	— 0·20
PUNJAB	Abbottabad	+ 0·44	— 2·34	— 1·07	— 2·16	— 2·89	— 2·05	+ 1·64	+ 6·72	— 1·33	+ 0·13	— 0·93	— 1·43	— 5·27
	Murree (Obsy.)	+ 0·86	— 2·37	— 2·14	— 2·42	— 3·44	+ 0·40	+ 3·15	+ 1·75	— 2·17	— 1·19	— 1·59	— 0·27	— 9·43
	Chamba	— 2·20	— 1·54	— 1·45	— 1·40	— 3·75	— 0·74	— 0·55	+ 1·65	— 0·05	— 0·16	— 0·36	— 1·93	— 12·48
	Dharmsala	+ 5·39	— 3·95	— 2·71	— 0·78	— 1·87	— 6·08	— 6·23	— 7·96	— 7·12	+ 1·15	— 0·34	— 2·39	— 32·89
	Kailang	— 1·38	— 1·85	+ 0·36	— 2·11	— 0·72	— 0·36	+ 0·01	+ 1·84	+ 0·10	— 0·17	— 0·53	— 0·41	— 5·32
	Kilba	— 4·71	— 2·91	+ 2·23	— 2·36	— 3·46	— 0·53	+ 1·91	+ 0·67	+ 0·06	+ 0·76	— 2·97	— 0·54	— 11·85
	Simla (Obsy.)	+ 4·07	— 2·31	— 1·47	— 0·69	— 4·38	— 0·30	— 0·08	— 3·23	+ 0·70	— 1·15	— 0·32	— 0·64	— 9·80
	Peshawar(Obsy)	— 1·45	— 1·12	— 0·91	— 1·27	— 0·62	— 0·32	— 0·89	— 0·89	+ 0·43	— 0·18	— 0·57	— 0·42	— 8·21
	Kohat	— 1·33	— 1·23	— 0·86	— 0·71	— 1·13	— 0·09	— 2·03	— 1·33	— 0·38	— 0·13	— 0·72	— 0·51	— 10·45

TABLE XXIX.—*Comparison of the monthly and total rainfall in 1887, with the averages of Table XXVIII*—continued.

PROVINCES.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	Bannu	— 0·45	— 0·88	— 0·65	— 0·16	— 0·77	— 0·69	+ 2·17	— 0·14	— 0·71	— 0·17	— 0·24	— 0·34	— 3·03
	Dera Ismail Khan.	— 0·09	— 0·63	— 0·75	— 0·34	— 0·40	+ 0·31	+ 1·26	— 0·43	— 0·25	— 0·13	— 0·12	— 0·31	— 1·88
	Dera Ghazi Khan.	— 0·32	— 0·32	— 0·68	+ 0·15	— 0·50	+ 2·30	— 2·02	— 0·16	— 0·41	— 0·06	— 0·12	— 0·26	— 2·40
	Muzaffargarh	— 0·31	— 0·24	— 0·41	— 0·36	— 0·40	+ 0·41	+ 0·78	— 0·54	— 0·62	— 0·08	— 0·08	— 0·26	— 2·11
	Mooltan (Obsy.)	— 0·32	— 0·26	— 0·49	— 0·33	— 0·43	+ 0·56	— 1·98	— 0·64	— 0·75	— 0·10	— 0·06	— 0·24	— 5·04
	Jhang	— 0·27	— 0·40	— 0·22	— 0·43	— 0·49	+ 0·09	— 2·47	+ 2·31	— 0·12	— 0·18	— 0·05	— 0·32	— 2·55
	Montgomery	— 0·25	— 0·59	— 0·50	— 0·25	— 0·47	+ 1·36	— 2·99	+ 3·29	— 0·49	— 0·08	— 0·05	— 0·23	— 1·25
	Shahpur	— 0·81	— 1·03	— 0·81	— 0·33	— 0·70	— 0·32	— 2·61	— 2·56	— 0·66	— 0·06	— 0·22	— 0·36	— 10·47
	Rawalpindi	— 1·84	— 1·80	— 1·06	— 2·08	— 1·51	— 1·21	+ 4·74	+ 2·21	+ 2·77	+ 0·71	— 0·82	— 1·05	— 0·94
	Jhelum	— 0·12	— 1·17	— 1·51	— 0·98	— 0·80	— 0·86	— 4·61	+ 5·27	+ 0·42	— 0·56	— 0·33	— 0·50	— 5·75
	Gujrat	— 0·32	— 1·48	— 1·64	— 1·12	— 0·69	— 1·69	— 2·66	+ 4·16	— 1·72	— 0·55	— 0·30	— 0·38	— 8·39
	Sialkot (Obsy.)	+ 0·24	— 1·71	— 1·38	— 1·49	— 1·11	— 2·34	— 6·26	+ 8·38	— 2·07	— 0·41	— 0·35	— 0·76	— 9·26
	Gujranwala	— 0·59	— 1·31	— 1·25	— 0·83	— 0·75	— 0·55	— 4·63	+ 8·39	— 1·82	— 0·56	— 0·25	— 0·58	— 4·73
	Gurdaspur	+ 0·39	— 1·64	— 1·61	— 0·52	— 0·82	— 3·09	— 0·30	+ 12·45	— 1·38	— 0·57	— 0·17	— 0·81	+ 1·93
PUNJAB—*contd.*	Dhariwal	— 1·15	— 0·32	— 2·62	— 0·28	— 1·09	— 2·53	— 0·58	+ 6·19	— 0·98	— 0·28	0	— 1·25	— 4·89
	Lahore	— 0·28	— 1·08	— 0·97	— 0·56	— 0·78	+ 0·61	— 4·72	+ 5·22	— 1·17	— 0·55	— 0·14	— 0·47	— 4·89
	Amritsar	— 0·21	— 1·08	— 0·86	— 0·60	— 0·80	— 1·73	— 5·90	+ 3·75	— 1·77	— 0·50	— 0·23	— 0·67	— 10·60
	Ferozepore	— 0·78	— 0·77	— 0·75	— 0·57	— 0·44	— 1·73	— 5·88	+ 0·28	— 1·29	— 0·59	— 0·06	— 0·44	— 13·02
	Jullundur	— 0·50	— 1·22	— 1·26	— 0·63	— 0·80	— 0·31	— 2·47	+ 7·08	— 0·79	— 0·49	— 0·09	— 0·62	— 2·10
	Hoshiarpur	+ 0·96	— 1·56	— 1·45	— 0·64	— 0·97	— 1·74	+ 0·62	+ 9·82	+ 2·41	— 0·42	— 0·07	— 1·04	+ 5·92
	Ludhiana	+ 1·58	— 1·17	— 1·56	— 0·46	— 1·18	— 0·20	— 3·16	+ 8·49	+ 1·72	— 0·66	— 0·10	— 0·73	+ 2·57
	Umballa	+ 0·29	— 1·42	— 1·04	— 0·61	— 1·00	— 1·04	— 1·57	+ 2·63	+ 8·50	— 0·56	— 0·21	— 0·21	+ 3·76
	Sirsa	— 0·09	— 0·30	— 0·40	— 0·40	— 0·64	— 0·67	+ 0·98	+ 5·11	— 0·37	+ 0·20	— 0·03	+ 0·77	+ 4·16
	Hissar	— 0·63	— 0·41	— 0·59	— 0·25	— 0·67	— 0·50	— 0·94	+ 8·55	+ 0·05	— 0·31	— 0·06	— 0·15	+ 4·09
	Rohtak	+ 0·23	— 0·53	— 0·60	— 0·26	— 0·66	— 2·50	+ 4·43	+ 11·21	— 1·63	— 0·43	— 0·02	+ 0·21	+ 9·45
	Delhi (Obsy.)	+ 1·35	— 0·49	— 0·72	— 0·28	— 0·67	— 1·33	+ 4·30	+ 10·18	— 0·59	— 0·48	— 0·07	— 0·06	+ 11·14
	Gurgaon	+ 0·40	— 0·29	— 0·52	— 0·16	— 0·71	— 0·95	+ 3·43	+ 5·53	— 3·13	— 0·43	— 0·02	+ 0·10	+ 3·25
	Karnal	+ 0·04	— 1·18	— 0·91	— 0·47	— 1·03	— 3·46	+ 6·68	+ 8·02	+ 6·81	+ 0·57	— 0·07	— 0·41	+ 14·59
	Jeysulmere	+ 0·11	— 0·04	— 0·01	— 0·04	— 0·34	— 0·72	— 1·07	— 0·92	— 0·79	0	0	0	— 3·82
	Phalodi	+ 0·08	0	— 0·05	— 0·02	— 0·36	— 0·74	+ 0·43	— 1·23	— 0·90	0	0	0	— 2·79
	Bickaneer	+ 0·12	— 0·22	— 0·06	— 0·02	— 1·38	+ 0·51	— 2·43	— 1·17	— 1·31	— 0·06	— 0·08	— 0·02	— 6·12
	Nagar	+ 0·10	— 0·01	— 0·02	— 0·06	— 0·33	— 2·28	+ 2·00	+ 2·69	— 3·47	— 0·11	0	0	— 1·49
	Didwana	+ 0·01	0	— 0·18	+ 0·05	— 0·42	— 0·19	+ 3·52	+ 2·22	— 1·99	— 0·03	0	— 0·03	+ 2·96
	Jhunjhnu	+ 0·21	0	— 0·16	+ 0·04	— 0·69	— 1·84	+ 3·49	+ 3·32	— 1·75	+ 0·56	0	+ 0·40	+ 3·58
RAJPUTANA	Sikar	?	0	?	?	?	— 0·71	+ 6·02	+ 1·80	+ 0·82	?	?	?	?
	Sri Madhopur	?	0	— 0·42	?	— 1·14	— 1·05	+ 1·26	+ 2·26	— 1·36	— 0·08	0	— 0·44	?
	Ulwur	+ 1·32	— 0·36	— 0·20	— 0·08	— 1·20	— 1·39	+ 9·70	+ 15·71	— 3·42	— 0·95	— 0·14	— 0·43	+ 18·56
	Bhurtpore	+ 0·13	— 0·18	+ 0·06	— 0·08	— 0·66	+ 0·01	+ 6·70	+ 6·58	+ 1·70	— 0·49	— 0·02	— 0·24	+ 13·51
	Bandikui	+ 0·27	0	— 0·23	0	— 1·02	— 1·11	+ 2·19	+ 3·07	+ 1·30	— 0·24	0	— 0·52	+ 3·71
	Jeypore	+ 0·43	— 0·15	— 0·16	— 0·14	— 0·62	— 1·75	+ 7·88	+ 13·73	+ 1·13	— 0·22	— 0·05	— 0·37	+ 19·71
	Sambhar	+ 0·48	— 0·09	— 0·16	— 0·07	— 1·05	— 1·24	+ 6·71	+ 1·61	— 2·86	— 0·42	— 0·17	— 0·31	+ 2·43

TABLE XXIX.—*Comparison of the monthly and total rainfall in 1887, with the averages of Table XXVIII*—continued.

PROVINCES.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
RAJPUTANA—*contd.*	Kerowlee	— 0·07	— 0·02	— 0·05	— 0·05	— 0·59	— 1·73	+ 11·29	+ 8·36	— 1·57	— 0·18	+ 0·03	— 0·24	+ 15·18
	Lalsot	+ 0·30	— 0·06	0	0	— 0·07	— 2·60	+ 2·77	+ 4·08	— 1·46	— 0·03	0	— 0·16	+ 3·37
	Tonk	+ 0·27	— 0·21	— 0·14	— 0·08	— 0·42	+ 1·78	+ 16·70	+ 11·31	+ 0·63	— 0·55	+ 0·09	0	+ 28·78
	Siwai Madhopur	?	0	0	?	?	?	?	?	?	?	0	— 0·28	?
	Deoli	+ 0·04	— 0·16	— 0·14	— 0·15	— 0·96	— 1·84	+ 4·70	+ 1·92	— 2·36	— 0·45	+ 0·20	— 0·11	+ 0·69
	Kotah	— 0·07	— 0·23	— 0·06	— 0·02	— 0·77	— 1·46	+ 1·33	+ 7·24	+ 1·84	— 0·47	+ 0·11	+ 0·21	+ 7·71
	Jhalrapatan	— 0·16	— 0·36	— 0·17	— 0·01	— 0·53	— 1·03	+ 5·41	+ 2·71	+ 2·73	— 0·64	+ 0·72	+ 0·44	+ 9·11
	Ajmere	+ 0·57	— 0·29	— 0·36	— 0·09	— 0·61	— 0·49	+ 3·47	+ 0·50	— 2·62	— 0·30	— 0·12	— 0·25	— 0·59
	Nusseerabad	+ 0·33	— 0·42	— 0·10	+ 0·04	— 0·64	— 0·04	+ 2·51	+ 2·60	— 2·68	— 0·12	— 0·11	— 0·22	+ 1·15
	Malpura	+ 0·73	0	0	+ 0·03	— 0·36	+ 0·57	+ 4·93	+ 7·90	— 1·31	— 0·05	0	— 0·10	+ 12·34
	Beawar	— 0·02	— 0·12	— 0·15	+ 0·09	— 0·40	— 1·37	+ 5·15	— 0·47	— 2·30	— 0·21	— 0·14	— 0·19	— 0·13
	Jodhpore	+ 0·05	— 0·21	— 0·04	+ 0·38	— 0·60	— 0·80	— 0·44	— 2·33	— 2·14	— 0·20	— 0·04	— 0·07	— 6·44
	Pachpadra	— 0·16	— 0·02	— 0·09	0	— 0·75	— 0·77	— 1·39	— 2·02	— 2·11	— 0·06	0	— 0·04	— 7·41
	Jasol	+ 0·19	0	— 0·16	0	— 0·08	— 2·25	— 1·86	— 1·74	— 1·43	— 0·04	0	0	— 7·37
	Barmer	+ 0·15	— 0·01	— 0·10	— 0·02	— 0·06	— 1·12	— 1·28	— 0·57	— 1·47	+ 0·18	— 0·01	0	— 4·31
	Pali	— 0·13	0	0	0	— 0·06	— 1·30	+ 2·61	+ 0·24	— 1·49	— 0·17	0	0	— 0·30
	Shahpoora	+ 0·06	— 0·19	— 0·15	+ 0·09	— 0·97	— 0·66	+ 2·88	+ 3·05	— 2·88	— 0·56	+ 0·12	— 0·15	+ 0·64
	Erinpura	+ 0·08	— 0·24	— 0·09	— 0·03	— 0·43	+ 0·23	+ 0·67	+ 1·09	— 2·79	— 0·13	— 0·08	— 0·12	— 1·84
	Sirohee	— 0·09	0	0	0	— 0·60	— 1·31	+ 1·99	— 0·08	— 2·90	0	0	0	— 2·99
	Mount Abu	— 0·20	— 0·34	— 0·14	— 0·04	— 1·01	— 2·29	+ 19·74	+ 8·15	— 7·93	— 1·99	— 0·17	+ 0·03	+ 13·81
	Kotra	— 0·05	— 0·19	— 0·02	— 0·02	— 0·56	— 0·44	+ 4·54	+ 1·44	— 4·94	— 0·71	— 0·08	+ 0·38	— 0·65
	Oodeypore	— 0·01	— 0·15	— 0·04	— 0·04	— 0·54	+ 3·58	— 0·95	+ 2·78	— 4·60	— 0·40	+ 0·71	+ 0·24	+ 0·49
	Partabgarh	— 0·10	— 0·06	— 0·02	0	— 0·29	— 0·30	+ 2·55	+ 0·82	— 4·11	— 1·24	+ 1·57	+ 0·25	— 0·93
	Kherwara	— 0·07	— 0·16	— 0·03	— 0·02	— 0·41	— 1·68	+ 0·04	— 2·23	— 3·57	— 0·64	+ 0·82	+ 0·18	— 7·77
	Banswara	— 0·44	— 0·14	0	0	— 0·30	+ 1·69	+ 1·42	— 0·95	— 7·11	— 1·03	+ 2·01	— 0·18	— 5·03
CENTRAL INDIA.	Neemuch (Obsy.)	— 0·09	— 0·14	— 0·11	+ 0·25	— 0·38	+ 5·24	— 2·53	+ 8·58	— 3·83	— 0·92	+ 0·43	+ 0·07	+ 6·57
	Sirdarpore	— 0·20	— 0·23	— 0·01	+ 0·05	— 0·04	— 3·37	+ 0·01	+ 0·89	— 2·49	— 0·75	+ 2·51	— 0·14	+ 1·21
	Agar	— 0·18	— 0·30	— 0·04	+ 0·10	+ 0·05	+ 0·42	+ 3·78	+ 3·31	+ 3·02	— 0·58	+ 1·93	— 0·33	+ 11·18
	Rutlam	— 0·19	— 0·22	0	+ 0·02	— 0·46	— 2·99	+ 1·55	— 3·70	— 4·59	— 1·09	+ 5·59	+ 0·17	— 5·91
	Indore	— 0·35	— 0·24	— 0·02	— 0·12	— 2·23	— 0·24	+ 6·00	— 1·32	— 1·24	+ 0·28	+ 1·59	0	+ 4·11
	Bhopal (Sehore)	— 0·52	— 0·13	— 0·05	— 0·03	— 0·25	— 0·41	+ 1·25	+ 4·81	— 1·76	— 0·22	+ 3·15	— 0·49	+ 5·35
	Goona	— 0·03	— 0·17	+ 0·05	— 0·07	— 0·52	— 4·59	+ 3·20	+ 0·70	+ 8·11	— 0·60	+ 1·63	+ 0·62	+ 8·33
	Morar	+ 0·76	— 0·28	— 0·07	+ 0·04	— 0·50	— 2·62	+ 7·78	+ 10·07	+ 2·57	— 0·60	— 0·02	— 0·25	+ 16·88
	Nowgong	+ 1·01	— 0·24	— 0·18	— 0·09	— 0·33	— 2·79	+ 11·21	— 0·09	+ 0·22	+ 0·49	+ 0·85	— 0·41	+ 9·65
	Sutna	+ 3·80	— 0·51	— 0·14	— 0·05	— 0·35	— 3·80	+ 5·41	+ 1·28	— 0·73	+ 1·62	+ 0·01	— 0·40	+ 6·14
	Nagode	+ 4·17	— 0·34	+ 0·33	— 0·19	— 0·43	— 1·31	+ 6·20	+ 1·41	+ 0·63	+ 0·47	+ 0·24	— 0·46	+ 10·72
	Maihar	+ 2·57	— 0·25	+ 0·19	— 0·05	— 0·42	— 1·90	+ 13·15	+ 3·13	— 0·81	+ 1·14	— 0·28	— 0·51	+ 15·96
	Rewah	+ 3·71	— 0·81	— 0·06	— 0·25	— 0·42	— 2·29	+ 3·67	+ 1·10	— 0·80	+ 4·47	— 0·21	— 0·38	+ 7·73
	Chandia	+ 3·00	— 0·11	— 0·26	— 0·03	— 0·51	+ 0·23	+ 13·08	+ 11·61	+ 3·37	+ 1·32	— 0·26	— 0·71	+ 30·73
	Ramnagar	+ 2·97	— 0·10	+ 0·14	— 0·01	— 0·20	— 7·11	+ 3·34	+ 4·39	— 1·14	+ 3·19	— 0·15	— 0·84	+ 4·48
	Sihawal (Bardi)	+ 1·64	— 0·02	— 0·85	+ 0·05	— 0·23	— 0·94	+ 8·36	— 0·21	— 2·16	+ 2·15	— 0·32	— 0·86	+ 6·61

TABLE XXIX.—*Comparison of the monthly and total rainfall in 1887, with the averages of Table XXVIII*—continued.

PROVINCES.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
CENTRAL INDIA—*contd.*	Sitlaha	+ 3·72	— 0·12	— 0·05	— 0·02	— 0·51	— 4·60	+ 9·46	+ 1·93	— 0·46	+ 0·27	— 0·28	— 0·90	+ 8·44
	Sohagpur	+ 3·59	— 0·28	— 0·55	+ 1·38	+ 0·16	— 4·48	— 1·30	+ 0·90	+ 3·60	+ 8·05	— 1·03	— 0·90	+ 9·14
	Chakrata	+ 1·84	— 2·21	+ 0·25	— 0·71	— 2·60	— 3·29	+ 5·83	+ 6·74	— 1·57	— 0·52	— 0·06	— 0·66	+ 3·04
	Mussooree	+ 2·91	— 2·11	— 1·92	— 1·30	— 2·49	— 0·33	+ 6·58	+ 26·63	— 0·22	+ 0·38	— 0·24	— 0·74	+ 27·15
	Srinagar	— 0·04	— 2·83	— 1·61	— 0·33	— 1·93	— 2·76	+ 1·35	— 1·93	— 0·22	— 0·48	+ 0·01	— 0·62	— 11·39
	Pauri	+ 0·47	— 2·60	— 1·46	— 0·53	— 2·58	— 4·17	— 3·75	+ 1·01	— 0·85	— 0·31	— 0·26	— 0·46	— 15·49
	Ranikhet	+ 1·97	— 1·89	— 1·25	+ 0·02	— 2·64	— 2·91	— 1·51	+ 1·49	+ 0·20	— 0·59	— 0·21	— 0·64	— 8·05
	Almora	+ 2·14	— 1·84	— 1·19	+ 0·54	— 1·93	— 3·70	— 2·21	+ 5·04	+ 0·60	— 0·94	— 0·09	— 0·31	— 3·89
	Pithoragarh	+ 2·69	— 2·28	— 0·99	+ 0·89	— 1·27	— 1·88	— 2·41	+ 3·21	+ 2·63	— 0·74	+ 0·24	— 0·45	— 0·36
	Naini Tal	+ 1·99	— 2·68	— 1·94	— 0·65	— 2·41	— 8·71	— 8·89	— 1·39	+ 3·48	— 1·26	— 0·18	— 0·70	— 23·34
	Debra Dun	+ 0·75	— 1·50	— 1·23	— 0·50	— 1·16	+ 1·59	+ 7·81	+ 5·40	— 4·25	— 0·19	— 0·14	— 0·53	+ 6·05
	Saharanpur	+ 0·04	— 1·33	— 1·09	— 0·33	— 0·81	— 0·57	+ 9·16	+ 3·91	+ 7·02	— 0·47	— 0·17	— 0·58	+ 14·78
	Roorkee	+ 0·72	— 1·38	— 0·94	+ 0·65	— 1·13	— 2·51	+ 6·50	— 1·29	+ 4·46	— 0·27	— 0·18	— 0·22	+ 4·41
	Muzaffarnagar	+ 0·49	— 0·89	— 0·94	— 0·39	— 0·91	— 3·14	+ 0·29	+ 0·74	+ 1·59	— 0·39	— 0·09	+ 0·01	— 3·63
	Bijnor	+ 1·05	— 1·03	— 0·90	— 0·45	— 0·73	— 0·73	— 2·16	+ 2·34	— 0·01	— 0·50	— 0·07	— 0·13	— 5·32
	Meerut	+ 1·42	— 0·71	— 0·72	— 0·31	— 0·80	— 3·32	— 0·33	+ 2·48	+ 1·58	— 0·46	— 0·05	+ 0·07	— 1·15
	Moradabad	+ 1·97	— 0·97	— 0·74	— 0·31	— 0·78	— 1·86	— 10·15	— 0·85	+ 1·72	— 0·63	— 0·11	— 0·30	— 13·01
	Rudarpur	+ 2·91	— 1·11	— 0·90	— 0·24	— 1·12	— 2·63	— 0·62	+ 5·09	+ 1·01	— 0·78	— 0·05	— 0·51	+ 1·05
	Pilibhit	+ 1·97	— 1·11	— 0·90	+ 0·89	— 1·05	+ 3·34	— 5·74	+ 2·83	— 0·03	— 0·33	0	— 0·55	— 0·68
	Bulandshahr	— 0·54	— 0·78	— 0·49	— 0·24	— 0·58	— 2·28	— 7·26	+ 5·93	+ 2·82	— 0·52	— 0·05	— 0·18	— 4·17
N.-W. PROVINCES.	Bareilly	+ 2·25	— 0·73	— 0·45	— 0·13	— 0·86	— 0·19	— 4·52	+ 3·85	+ 2·09	— 0·96	— 0·06	— 0·25	+ 0·04
	Budaun	— 0·84	— 0·51	— 0·29	— 0·11	— 0·49	— 1·84	+ 1·11	+ 3·60	+ 6·84	— 0·82	— 0·05	— 0·30	+ 6·30
	Shahjahanpur	+ 1·49	— 0·62	— 0·39	+ 0·02	— 1·05	+ 3·30	+ 5·39	+ 3·42	— 2·57	— 1·23	— 0·08	— 0·28	+ 7·40
	Aligarh	+ 1·29	— 0·44	— 0·41	— 0·18	— 0·49	— 0·50	+ 4·72	+ 10·38	+ 1·19	— 0·53	— 0·02	— 0·28	+ 14·73
	Muttra	+ 0·27	— 0·30	— 0·23	— 0·18	— 0·53	— 1·04	+ 4·12	+ 8·35	— 0·05	— 0·40	— 0·02	— 0·26	+ 9·73
	Agra	+ 0·51	— 0·27	— 0·16	— 0·16	— 0·70	— 1·35	+ 9·57	+ 6·00	+ 3·52	— 0·41	+ 0·04	— 0·24	+ 16·35
	Etah	+ 1·24	— 0·19	— 0·45	— 0·09	— 0·40	+ 0·61	— 1·09	+ 6·78	+ 6·52	— 0·82	— 0·01	— 0·23	+ 11·87
	Mainpuri	— 0·30	— 0·27	— 0·28	— 0·12	— 0·45	— 2·35	+ 2·43	+ 3·89	+ 1·52	— 0·74	— 0·05	— 0·35	+ 2·93
	Farrukhabad	— 0·19	— 0·28	— 0·38	+ 0·40	— 0·55	— 0·86	+ 0·29	+ 8·50	— 1·25	— 1·06	— 0·05	— 0·29	+ 4·28
	Etawah	— 0·21	— 0·19	— 0·31	— 0·14	— 0·46	— 0·09	+ 5·59	+ 8·62	+ 3·29	— 1·04	— 0·08	— 0·27	+ 14·71
	Cawnpore	+ 0·31	— 0·41	— 0·21	+ 0·41	— 0·46	— 1·63	+ 5·94	+ 6·45	+ 0·64	— 1·19	— 0·06	— 0·23	+ 9·56
	Fatehpur	+ 0·63	— 0·36	— 0·08	— 0·15	— 0·35	— 0·96	+ 4·23	+ 11·49	— 0·99	— 0·11	— 0·09	— 0·29	+ 12·97
	Jalaun (Orai)	+ 0·60	— 0·17	— 0·18	— 0·06	— 0·26	— 2·59	+ 5·98	+ 2·29	— 3·97	— 0·69	— 0·01	— 0·24	+ 0·70
	Hamirpur	+ 0·35	— 0·29	— 0·20	— 0·10	— 0·32	— 4·16	— 1·43	+ 1·89	— 2·97	+ 1·80	— 0·12	— 0·33	— 5·88
	Banda	+ 0·01	— 0·29	— 0·27	— 0·11	— 0·35	— 0·73	+ 3·17	+ 2·29	— 3·09	+ 0·38	— 0·01	— 0·27	+ 0·73
	Allahabad	+ 1·37	— 0·40	— 0·35	+ 0·04	— 0·33	— 3·69	— 0·75	+ 9·11	— 4·36	— 0·93	— 0·21	— 0·23	— 0·63
	Basti	— 0·30	— 0·41	— 0·01	+ 0·51	— 1·11	+ 1·23	— 8·08	+ 2·13	— 2·58	+ 5·26	— 0·01	— 0·14	— 3·51
	Gorakhpur	— 0·34	— 0·53	— 0·33	+ 2·31	— 1·00	— 0·15	— 8·47	— 3·82	— 4·99	+ 7·80	— 0·16	— 0·13	— 9·81
	Azamgarh	+ 0·55	— 0·43	+ 0·25	+ 0·08	— 0·10	— 2·35	+ 0·24	+ 1·56	— 3·25	+ 1·67	— 0·09	— 0·14	— 2·01
	Jaunpur	+ 0·55	— 0·37	— 0·25	— 0·14	— 0·85	— 0·70	+ 1·65	+ 8·91	— 0·60	+ 3·52	— 0·14	— 0·14	+ 10·84
	Benares	+ 1·00	— 0·47	— 0·29	— 0·15	+ 0·24	— 3·92	— 6·45	+ 5·37	— 2·65	+ 1·71	— 0·14	— 0·15	— 5·90

TABLE XXIX.—*Comparison of the monthly and total rainfall in 1887, with the averages of Table XXVIII*—continued.

PROVINCES.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
N.-W. PROVINCES—*contd.*	Mirzapur	+ 1·35	− 0·62	− 0·59	− 0·12	− 0·55	− 4·14	+ 1·39	+ 7·94	− 3·51	+ 2·27	− 0·25	− 0·18	+ 2·99
	Ghazipur	+ 1·96	− 0·53	− 0·31	− 0·12	+ 1·98	+ 1·92	− 5·17	+ 1·87	− 5·37	+ 0·20	− 0·28	− 0·14	− 3·99
	Ballia	+ 1·10	− 0·48	+ 0·18	+ 0·20	+ 4·50	+ 4·87	− 4·17	− 1·59	− 1·77	+ 2·00	− 0·16	− 0·14	+ 4·54
	Dudhi	+ 2·78	− 0·51	− 0·56	+ 0·10	− 0·59	− 0·13	+ 8·96	− 0·28	− 1·38	+ 1·04	− 0·31	− 0·29	+ 8·83
	Robertsganj	+ 1·65	− 0·47	− 0·38	+ 0·17	− 0·67	− 2·36	+ 0·88	+ 12·67	− 4·36	+ 2·39	− 0·21	− 0·26	+ 9·05
	Jhansi	− 0·11	− 0·18	− 0·09	+ 0·01	− 0·25	− 0·35	+ 8·01	+ 2·86	+ 6·60	− 0·61	+ 0·34	− 0·02	+ 16·21
	Lalitpur	− 0·43	− 0·21	− 0·28	− 0·14	− 0·59	− 2·26	− 2·48	+ 4·01	+ 8·55	− 0·85	+ 2·43	− 0·04	+ 7·71
OUDH	Kheri	− 0·58	− 0·70	− 0·32	+ 0·23	− 1·09	− 0·64	− 4·87	+ 16·43	+ 5·28	− 0·01	0	− 0·47	+ 13·26
	Sitapur	− 0·36	− 0·36	+ 0·08	+ 1·70	− 1·08	− 1·64	− 7·22	+ 3·33	+ 0·31	− 1·07	− 0·03	− 0·42	− 6·76
	Bahraich	− 0·33	− 0·78	− 0·26	+ 0·65	− 1·56	+ 0·33	− 7·58	+ 7·04	+ 2·14	− 0·60	− 0·03	− 0·48	− 1·46
	Gonda	− 0·09	− 0·40	− 0·23	+ 0·02	− 0·92	− 4·37	− 0·31	+ 8·67	− 4·78	+ 0·43	− 0·04	− 0·33	− 2·35
	Hardoi	− 0·14	− 0·26	− 0·69	+ 0·49	− 0·49	+ 1·36	− 0·81	+ 2·13	− 3·83	− 1·49	0	− 0·42	− 4·15
	Nawabganj (Bara Banki)	− 0·47	− 0·25	− 0·27	− 0·22	− 0·89	+ 6·26	+ 23·15	+ 6·63	− 6·18	+ 1·10	0	− 0·56	+ 28·30
	Lucknow	− 0·40	− 0·24	− 0·06	− 0·10	− 0·75	− 1·61	− 4·04	+ 7·89	− 1·74	− 0·68	− 0·01	− 0·49	− 2·23
	Unao	+ 0·26	− 0·29	− 0·03	− 0·02	− 0·56	− 4·44	− 0·79	+ 2·49	− 0·56	− 1·52	0	− 0·39	− 5·85
	Fyzabad	− 0·33	− 0·33	− 0·09	+ 0·44	− 1·10	− 3·08	− 2·73	+ 15·59	+ 3·00	+ 2·74	− 0·02	− 0·24	+ 13·85
	Sultanpur	− 0·20	− 0·28	− 0·21	− 0·21	− 0·75	− 3·49	+ 0·64	+ 12·84	− 2·73	+ 1·21	− 0·03	− 0·26	+ 6·53
	Rae Bareli	+ 0·32	− 0·22	− 0·15	− 0·11	− 0·36	+ 0·74	− 1·28	+ 7·25	− 1·30	− 0·08	− 0·02	− 0·27	+ 4·52
	Partabgarh	+ 0·30	− 0·33	+ 0·12	− 0·06	− 0·52	− 3·48	+ 3·12	+ 7·16	+ 0·86	+ 0·55	− 0·06	− 0·30	+ 7·36
NEPAL	Katmandu	+ 1·36	− 1·06	+ 0·17	+ 0·03	+ 0·17	− 4·29	− 1·74	+ 1·93	− 0·56	+ 6·54	− 0·08	− 0·28	+ 2·19
BENGAL	Motiharee	+ 0·73	− 0·29	− 0·30	+ 0·24	+ 0·36	+ 8·19	− 4·29	− 0·52	+ 5·89	+ 3·53	− 0·08	− 0·15	+ 13·31
	Durbhunga	+ 1·22	− 0·45	− 0·16	+ 0·36	+ 4·80	+ 4·82	− 1·17	+ 3·44	− 4·12	+ 0·21	− 0·06	− 0·18	+ 8·71
	Sewan	+ 0·83	− 0·51	+ 0·04	− 0·10	+ 1·51	+ 0·63	− 6·50	+ 0·09	− 2·62	+ 1·98	− 0·10	− 0·15	− 4·90
	Buxar	+ 1·01	− 0·33	+ 0·32	+ 0·36	+ 4·75	− 1·17	− 4·46	− 2·40	− 1·93	+ 1·42	− 0·15	− 0·22	− 2·80
	Chupra	+ 1·16	− 0·45	− 0·09	+ 0·25	+ 5·94	− 1·01	+ 0·66	− 2·32	− 4·39	+ 1·93	− 0·20	− 0·10	+ 1·38
	Arrah	+ 0·67	− 0·56	+ 0·61	− 0·42	+ 8·86	− 1·76	− 5·16	− 4·18	− 2·48	+ 2·87	− 0·20	− 0·15	− 1·90
	Patna (Bankipore)	+ 0·78	− 0·47	+ 0·21	− 0·15	+ 7·83	− 0·74	− 2·33	− 4·71	− 4·32	+ 0·29	− 0·20	− 0·17	− 3·98
	Mozufferpore	+ 0·75	− 0·49	+ 0·36	− 0·06	+ 3·59	+ 4·43	− 4·09	+ 0·38	− 2·93	+ 0·33	− 0·08	− 0·08	+ 2·11
	Barh	+ 1·07	− 0·45	+ 0·74	+ 0·07	+ 4·77	− 1·21	− 4·15	− 3·38	− 0·35	+ 0·11	− 0·22	− 0·13	− 3·13
	Sasseram	+ 0·69	− 0·51	+ 0·34	+ 1·04	+ 3·58	− 2·52	− 6·80	+ 3·27	− 3·12	+ 0·76	− 0·21	− 0·29	− 3·77
	Gya	+ 0·66	− 0·51	− 0·08	− 0·03	+ 2·96	+ 0·41	− 1·53	+ 0·92	+ 2·15	− 1·68	− 0·21	− 0·19	+ 2·87
	Jamooee	+ 1·69	− 0·63	+ 1·89	+ 0·04	+ 3·57	− 1·06	− 2·49	− 0·82	− 1·05	− 0·54	− 0·09	− 0·09	+ 0·43
	Muddehpoora	+ 1·56	− 0·59	+ 0·23	+ 0·07	+ 8·52	+ 0·34	− 6·09	− 1·97	+ 4·37	− 1·67	− 0·06	− 0·09	+ 4·62
	Monghyr	+ 2·42	− 0·66	+ 0·09	+ 0·81	+ 9·19	− 0·72	+ 1·75	− 3·65	− 1·43	− 0·28	− 0·25	− 0·10	+ 7·17
	Bhagalpur	+ 1·73	− 0·66	+ 0·52	+ 0·13	+ 5·19	+ 1·66	− 0·42	− 3·90	− 2·34	− 2·77	− 0·22	− 0·09	− 1·17
	Godda	+ 1·28	− 0·57	+ 1·32	+ 2·28	+ 13·27	− 2·66	+ 2·25	− 2·66	− 4·61	− 1·76	− 0·09	− 0·13	+ 7·92
	Palamow	+ 3·11	− 0·49	− 0·69	− 0·06	+ 4·11	− 3·08	+ 5·83	− 0·75	+ 0·44	− 0·62	− 0·45	− 0·30	+ 7·05
	Hazaribagh	+ 2·09	− 0·75	− 0·56	− 0·10	+ 4·09	− 3·86	+ 2·11	− 0·71	− 1·39	− 0·88	− 0·33	− 0·23	− 0·52
	Ranchee	+ 1·51	− 1·03	− 1·34	+ 0·02	+ 9·19	+ 4·64	− 0·93	+ 1·20	− 1·33	− 1·51	− 0·30	− 0·22	+ 9·90
	Lohardugga	+ 1·97	− 0·18	− 0·67	− 0·04	+ 2·80	− 2·15	+ 0·29	+ 4·90	− 2·58	− 0·92	− 0·71	− 0·66	+ 2·05
	Nya Doomka	+ 1·38	− 0·69	+ 0·55	− 0·87	+ 9·00	− 3·79	− 3·85	− 4·98	− 1·20	− 3·12	− 0·17	− 0·22	− 7·96

TABLE XXIX.—*Comparison of the monthly and total rainfall in 1887, with the averages of Table XXVIII*—continued.

PROVINCES.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	Gobindpur	+ 0·87	— 0·91	— 0·21	+ 0·80	+ 2·50	— 2·85	— 4·99	— 5·08	— 1·75	— 3·36	— 0·01	— 0·20	— 15·19
	Purulia	+ 0·72	— 0·93	— 0·76	+ 0·16	+ 4·44	— 3·91	— 1·48	+ 2·09	— 1·47	— 0·88	— 0·16	— 0·27	— 2·45
	Sirguja	+ 4·72	— 0·23	— 0·60	— 0·41	— 0·60	— 7·34	— 1·81	+ 3·35	— 5·25	— 1·19	— 1·09	— 0·57	— 11·02
	Jushpore	+ 1·23	— 0·12	— 1·46	+ 0·59	— 0·15	— 5·33	+ 0·59	+ 0·90	— 4·29	— 0·29	— 0·68	— 0·69	— 9·70
	Gangpur	+ 0·27	— 0·64	— 1·00	+ 4·08	— 0·05	— 2·73	— 0·47	— 2·36	— 3·88	— 0·17	— 1·13	— 0·89	— 8·97
	Chybassa	— 0·37	— 0·79	— 1·17	— 0·52	+ 7·29	— 2·54	— 0·26	+ 0·57	— 2·39	— 2·77	— 0·22	— 0·37	— 3·54
	Bareepudda	+ 0·37	— 0·52	+ 0·16	+ 0·29	+ 0·69	— 4·75	+ 1·13	— 2·91	— 3·16	— 1·44	— 0·37	— 0·25	— 10·76
	Keonjhar	— 0·13	— 0·16	— 0·27	— 0·50	+ 1·66	+ 4·62	— 1·12	— 2·57	— 3·44	— 0·74	— 0·45	— 0·36	— 3·46
	Jellasore	— 0·43	— 1·03	+ 1·39	+ 0·32	— 0·67	— 3·44	— 0·15	— 3·12	— 4·01	— 1·67	— 0·28	— 0·11	— 13·20
	Balasore	— 0·71	— 1·18	— 0·89	— 2·37	+ 6·90	— 5·20	+ 0·98	— 2·19	— 7·04	— 2·37	— 0·91	— 0·25	— 15·23
	Bhuddruck	+ 0·07	— 1·23	+ 2·81	+ 1·61	+ 6·17	— 4·31	— 1·29	+ 1·19	— 6·11	— 2·82	— 0·94	— 0·39	— 5·24
	Talcher	— 0·16	— 0·75	— 0·48	— 0·02	+ 0·57	— 0·65	— 9·55	— 1·50	— 4·23	— 0·87	+ 3·03	— 0·51	— 15·12
	Angul	+ 0·16	— 1·09	— 0·77	— 0·06	— 0·30	— 0·87	— 2·95	— 5·57	— 4·70	— 3·62	+ 0·53	— 0·79	— 20·03
	Dhenkanal	+ 0·03	— 0·72	— 0·74	— 0·60	+ 0·87	— 0·07	— 3·02	— 0·30	— 5·90	— 2·29	— 0·58	— 0·65	— 13·97
	Bispara	+ 0·35	— 0·28	— 0·50	+ 0·40	— 0·41	— 5·73	+ 5·52	— 1·93	— 3·42	+ 1·05	— 0·38	— 0·68	— 6·01
	Kunjabangar	— 0·14	— 0·53	+ 0·03	— 2·03	— 0·71	+ 1·00	— 5·69	+ 0·73	— 0·34	— 1·15	— 1·24	— 0·33	— 10·40
	Banki (Charchika).	+ 0·55	— 0·49	+ 0·10	— 0·08	— 1·02	— 1·87	+ 0·09	+ 1·70	— 4·40	— 0·79	— 1·20	— 0·72	— 8·13
	Cuttack	+ 0·22	— 0·55	+ 0·67	— 0·56	+ 1·11	+ 4·39	— 0·83	— 0·57	— 2·55	— 4·62	— 0·76	— 0·50	— 4·55
	False Point	+ 0·24	— 0·85	+ 0·40	— 1·85	+ 9·59	— 7·05	— 2·05	— 2·56	— 0·65	+ 1·90	+ 2·21	— 0·67	— 1·34
	Pooree	+ 0·05	— 1·08	— 0·29	— 0·91	— 0·17	— 5·95	— 3·81	— 2·75	— 2·57	— 2·03	+ 0·07	— 0·75	— 20·19
BENGAL—*contd.*	Darjeeling	+ 0·63	— 1·06	+ 0·20	+ 1·40	+ 11·97	— 2·42	— 1·84	+ 2·28	— 3·87	— 2·80	— 0·17	— 0·21	+ 4·11
	Mongpoo	+ 2·04	— 0·63	— 0·47	+ 1·16	+ 12·06	— 1·15	— 7·08	+ 0·03	— 3·93	— 1·13	— 0·11	— 0·19	+ 0·60
	Pedong	+ 2·11	— 0·04	— 1·15	+ 2·64	+ 0·46	+ 3·58	— 0·14	— 2·00	— 0·50	+ 1·18	— 0·14	— 0·84	+ 5·16
	Baxa	+ 3·52	— 0·64	+ 1·81	— 0·84	+ 7·40	— 18·17	— 14·06	+ 6·44	— 2·61	— 4·89	— 0·47	— 0·60	— 23·11
	Jalpaiguri	+ 1·44	— 0·33	+ 1·31	— 0·83	+ 11·01	+ 8·34	— 12·61	+ 4·81	— 3·01	— 1·37	— 0·10	— 0·09	+ 8·57
	Cooch Behar	+ 1·01	— 0·15	+ 2·75	— 0·80	+ 2·88	+ 17·41	— 8·53	— 0·19	— 4·77	— 3·29	— 0·71	— 0·11	+ 6·14
	Kissengunge	+ 2·45	— 0·47	— 0·13	— 1·18	+ 14·63	+ 4·04	— 9·55	+ 5·35	— 0·58	+ 1·03	— 0·05	— 0·15	+ 15·39
	Purneah	+ 2·10	— 0·57	+ 0·24	+ 0·20	+ 18·29	+ 3·16	— 6·79	— 3·24	— 6·42	— 0·35	— 0·07	— 0·16	+ 6·39
	Rungpore	+ 2·09	— 0·39	+ 1·07	+ 1·91	+ 5·38	+ 6·59	— 8·36	+ 4·43	— 2·48	— 1·22	— 0·28	— 0·12	+ 8·62
	Dinagepore	+ 1·12	— 0·59	+ 1·30	— 1·24	+ 12·64	+ 7·24	— 6·26	+ 8·48	— 1·72	+ 0·06	— 0·22	— 0·10	+ 20·71
	Maldah	+ 0·76	— 0·75	— 0·05	+ 0·72	+ 8·66	+ 1·26	— 2·55	— 5·15	+ 1·62	— 2·78	— 0·21	— 0·34	+ 1·19
	Bogra	+ 0·74	— 0·97	+ 3·23	— 3·07	+ 1·70	+ 9·32	— 3·77	— 6·77	— 0·96	— 1·67	— 0·77	— 0·12	— 3·11
	Rampore Bauleah.	+ 0·90	— 0·32	+ 1·55	— 1·11	+ 3·30	— 1·01	— 2·93	— 2·42	+ 1·00	+ 0·06	— 0·27	— 0·09	— 1·34
	Pubna	+ 1·07	— 1·11	+ 5·18	— 2·13	— 3·89	— 6·33	+ 0·36	— 5·93	— 2·25	— 1·47	— 0·32	— 0·11	— 16·93
	Soory	+ 1·00	— 0·95	+ 1·75	+ 0·73	+ 7·39	— 3·07	— 0·25	— 3·25	— 1·57	— 0·39	— 0·12	— 0·17	+ 1·10
	Bankoora	+ 0·25	— 1·08	— 0·79	+ 0·85	+ 0·84	— 3·43	+ 0·87	+ 3·34	— 5·14	— 3·22	— 0·42	— 0·18	— 8·61
	Burdwan	+ 0·49	— 0·76	+ 3·38	— 1·11	+ 4·89	— 6·59	— 0·07	— 0·84	+ 0·70	— 2·98	— 0·50	— 0·18	— 3·57
	Hooghly	+ 0·43	— 1·39	+ 2·03	— 0·87	— 1·48	+ 3·42	— 0·20	— 6·58	— 3·80	— 1·63	— 0·33	— 0·27	— 10·67
	Howrah	+ 0·61	— 1·25	+ 1·49	— 1·51	+ 2·62	— 5·66	+ 1·38	— 3·43	— 4·00	— 2·00	— 0·21	— 0·29	— 12·25
	Midnapore	+ 0·27	— 0·78	+ 1·22	+ 0·65	+ 1·37	— 3·77	+ 3·97	— 0·94	— 3·18	— 1·84	— 0·19	— 0·26	— 3·48
	Tumlook	+ 0·04	— 1·17	— 0·92	— 0·74	— 0·53	+ 0·24	+ 8·52	— 4·70	— 0·92	— 3·65	— 0·20	— 0·27	— 4·03

TABLE XXIX.—*Comparison of the monthly and total rainfall in 1887, with the averages of Total XXVIII*—continued.

PROVINCES.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
BENGAL—*continued.*	Berhampore	+ 1·37	— 0·89	+ 3·93	— 1·03	+ 4·31	— 0·68	+ 2·04	— 0·45	— 0·16	+ 1·89	— 0·28	— 0·13	+ 9·92
	Kishnaghur	+ 0·17	— 1·04	+ 3·14	— 1·36	+ 4·22	— 1·07	— 1·82	— 6·12	+ 1·47	+ 0·26	— 0·37	— 0·15	— 2·67
	Furreedpore	+ 0·74	— 1·27	+ 1·31	— 3·54	— 2·74	— 2·84	— 3·50	— 4·10	— 5·68	+ 0·45	— 0·14	— 0·13	— 21·44
	Jessore	+ 1·20	— 0·84	+ 1·44	— 4·06	+ 0·69	— 3·42	— 5·31	— 4·40	+ 2·02	— 2·58	— 0·69	— 0·20	— 16·15
	Busseerhat	— 0·04	— 1·02	+ 1·61	— 1·21	— 2·08	+ 0·64	— 0·41	— 1·37	— 1·49	+ 1·33	— 0·36	— 0·23	— 4·63
	Khoolna	+ 0·41	— 1·21	+ 3·17	— 2·82	+ 2·05	+ 0·47	— 3·81	— 4·69	— 0·17	— 0·90	— 0·20	— 0·34	— 8·04
	Burrisal	+ 1·66	— 0·25	+ 1·46	— 1·17	+ 1·30	— 7·93	— 1·61	— 4·77	+ 0·07	+ 1·46	+ 3·89	— 0·26	— 6·16
	Calcutta (Chowringhee)	+ 0·82	— 1·24	+ 1·98	— 0·69	+ 0·83	— 5·16	+ 4·68	— 3·19	— 1·28	— 1·16	— 0·08	— 0·56	— 5·05
	Alipore (Jail)	+ 0·78	— 1·45	+ 1·97	— 1·03	+ 1·11	— 3·40	+ 4·57	— 2·38	— 0·34	— 1·59	— 0·05	— 0·35	— 2·16
	Alipore (Obsy.)	+ 1·14	— 1·15	+ 1·90	— 0·55	— 0·71	— 3·28	+ 4·85	— 3·24	— 0·35	— 1·00	— 0·05	— 0·66	— 3·10
	Saugor Island	+ 0·69	— 1·08	+ 0·85	+ 0·17	— 0·63	— 2·68	+ 3·62	— 3·41	+ 0·58	+ 0·20	+ 2·98	— 0·30	+ 0·99
	Mymensingh	+ 0·56	— 1·29	+ 5·52	— 3·83	— 3·28	+ 7·62	— 5·45	— 6·40	— 2·69	+ 0·71	— 0·59	— 0·12	— 9·24
	Kishorganj	+ 0·78	— 0·86	+ 0·76	— 1·41	— 4·92	+ 5·88	— 3·47	— 4·63	— 6·29	— 1·19	+ 0·06	— 0·31	— 15·60
	Atia (Tangail)	+ 1·14	— 1·17	+ 2·65	— 2·13	— 3·85	+ 1·99	— 2·94	— 3·88	— 6·85	— 0·65	— 0·25	— 0·10	— 16·04
	Dacca	+ 0·32	— 0·93	+ 1·36	— 3·38	— 2·78	— 4·81	+ 1·86	— 2·90	— 4·54	— 0·82	+ 0·44	— 0·21	— 16·39
	Comillah	+ 0·90	— 0·88	+ 4·43	— 5·58	— 5·85	— 3·05	— 10·34	— 2·04	— 7·75	— 0·10	— 0·37	— 0·26	— 30·89
	Agartalla	+ 0·84	— 1·10	+ 2·85	+ 0·36	— 2·52	— 1·18	— 3·65	— 1·91	— 5·81	— 1·68	+ 0·19	— 0·41	— 14·02
	Noakholly	+ 2·05	+ 0·41	+ 3·31	— 3·95	— 0·94	— 11·19	— 0·73	— 0·24	— 8·07	— 5·00	+ 3·21	— 0·38	— 21·52
	Demagiri	+ 1·91	— 1·06	+ 5·91	— 4·36	— 2·69	— 2·30	— 3·79	— 5·50	— 3·99	— 5·45	+ 1·99	— 0·88	— 20·40
	Rangamatia Hill	+ 2·45	— 1·16	+ 4·47	— 3·73	— 0·68	— 2·51	— 2·27	— 5·31	— 3·45	— 5·06	+ 1·58	— 0·56	— 16·23
	Chittagong	+ 1·67	— 0·43	+ 4·44	— 4·50	— 0·83	— 7·89	+ 0·88	— 2·81	— 7·06	— 1·58	+ 2·72	— 0·57	— 15·96
	Cox's Bazar	+ 1·96	— 0·42	— 0·37	— 2·41	— 2·47	— 15·11	— 0·96	+ 0·93	— 4·17	— 2·25	+ 10·46	— 0·38	— 15·19
ASSAM	Sylhet	+ 0·47	— 1·54	+ 9·21	— 1·05	— 6·80	+ 30·22	— 6·01	— 9·90	— 7·31	— 4·68	— 0·70	— 0·27	+ 1·67
	Silchar	+ 1·58	— 2·48	+ 1·72	— 5·75	— 9·25	+ 8·52	— 5·66	— 0·80	— 3·41	— 5·32	+ 1·68	— 0·66	— 19·83
	Cherra Poonjee	+ 3·50	— 2·46	+ 11·37	— 1·49	— 2·23	+ 79·48	— 79·84	— 20·82	— 8·15	— 9·89	— 1·89	— 0·30	— 32·72
	Tura	+ 0·39	— 0·83	+ 0·98	+ 6·84	+ 1·88	+ 20·07	— 14·39	+ 1·50	— 3·45	— 2·22	— 0·33	— 0·14	+ 10·36
	Shillong	+ 1·72	— 0·79	+ 0·74	+ 1·27	— 2·75	+ 12·99	— 4·61	— 6·51	— 2·98	— 4·24	— 0·84	— 0·34	— 6·34
	Dhubri	+ 0·29	— 0·50	+ 1·37	+ 2·01	+ 6·13	+ 5·54	— 7·82	+ 6·05	+ 0·56	— 1·57	— 0·02	— 0·19	+ 11·85
	Goalpara	+ 1·34	— 0·52	+ 2·54	— 0·23	+ 0·42	+ 12·81	— 4·62	— 2·47	— 4·28	— 3·14	+ 0·09	— 0·28	+ 1·66
	Kulsi	+ 1·46	— 0·40	+ 1·17	+ 2·39	— 3·84	+ 8·53	— 5·70	— 1·13	— 4·41	— 3·56	— 0·12	— 0·17	— 5·78
	Gauhati	+ 1·56	— 0·86	+ 0·73	+ 5·07	— 3·96	+ 1·29	— 8·68	— 2·37	+ 3·55	— 2·78	— 0·59	— 0·28	— 7·32
	Nowgong	+ 1·34	— 0·68	+ 1·16	+ 1·67	— 3·83	— 1·35	— 3·08	— 3·33	+ 4·13	— 3·90	— 0·38	— 0·28	— 8·53
	Tezpur	+ 0·50	— 0·02	+ 0·69	— 1·86	— 2·31	+ 0·77	— 4·20	— 4·06	— 2·60	— 1·10	— 0·84	— 0·61	— 15·64
	Chardner	+ 0·02	— 0·25	+ 0·11	+ 0·59	— 0·90	— 3·29	— 5·96	— 4·26	+ 0·85	— 1·11	— 0·24	— 0·80	— 15·24
	Sibsagar	+ 1·58	— 1·50	+ 2·15	— 3·32	+ 2·42	+ 1·97	— 4·65	— 1·55	+ 2·45	— 1·27	— 1·27	— 0·56	— 3·55
	Dibrugarh	+ 1·37	— 0·98	+ 0·16	— 4·16	+ 3·43	+ 2·32	— 10·13	+ 3·61	— 2·26	— 2·04	— 1·38	— 0·92	— 11·58
	Kohima	+ 2·21	— 1·11	+ 2·74	+ 2·53	+ 0·68	— 4·54	— 2·05	+ 1·60	+ 0·37	— 0·05	— 0·36	— 0·62	+ 1·36
CENTRAL PROVINCES	Saugor	+ 2·93	— 0·49	— 0·17	— 0·01	— 0·52	— 0·50	+ 4·51	+ 1·59	— 0·58	+ 2·09	+ 1·12	— 0·61	+ 9·36
	Damoh	+ 0·89	— 0·37	— 0·19	— 0·23	— 0·28	— 0·51	+ 1·28	— 3·03	+ 1·88	+ 2·02	— 0·03	— 0·53	+ 0·90
	Jubbulpore	+ 3·31	— 0·46	— 0·48	— 0·21	— 0·22	— 0·18	+ 21·44	+ 8·84	+ 2·12	+ 3·47	— 0·06	+ 0·03	+ 37·60
	Narsinghpur	+ 1·47	— 0·31	— 0·24	— 0·24	— 0·49	— 3·05	+ 11·98	+ 0·73	+ 0·63	+ 2·17	— 0·06	+ 0·75	+ 13·34

TABLE XXIX.—*Comparison of the monthly and total rainfall in 1887, with the averages of Table XXVIII*—continued.

PROVINCES.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
CENTRAL PROVINCES—*contd.*	Hoshangabad	+ 0·11	— 0·13	— 0·22	+ 0·11	+ 0·06	— 0·87	+ 8·33	— 0·19	— 0·67	+ 1·21	+ 0·57	— 0·33	+ 7·98
	Khandwa	— 0·23	— 0·27	— 0·07	— 0·07	+ 0·56	+ 1·23	+ 1·04	+ 1·50	— 3·07	+ 0·65	+ 1·39	— 0·44	+ 2·22
	Badnur (Betul)	+ 1·93	— 0·31	— 0·63	— 0·24	— 0·48	+ 2·81	+ 5·68	+ 1·64	+ 1·99	+ 7·76	+ 1·11	+ 0·05	+ 21·31
	Pachmarhi	+ 1·12	— 0·25	— 0·33	— 0·24	— 0·57	+ 1·43	+ 16·99	+ 6·35	— 6·22	+ 4·95	+ 0·16	+ 0·21	+ 23·60
	Chhindwara	+ 1·37	— 0·31	— 0·49	— 0·25	— 0·66	— 4·22	+ 0·90	+ 4·63	+ 3·95	— 2·30	— 0·28	— 0·05	+ 2·29
	Seoni	+ 0·25	— 0·86	— 0·47	— 0·50	— 0·47	+ 3·55	+ 18·08	+ 9·06	+ 2·17	+ 1·80	— 0·27	— 0·22	+ 32·12
	Balaghat	+ 0·03	— 0·63	— 0·30	— 0·44	— 0·90	— 1·94	+ 0·46	+ 10·12	+ 0·06	+ 3·07	— 0·36	— 0·01	+ 9·16
	Mandla	+ 1·37	— 0·56	— 0·76	+ 0·30	— 0·54	+ 0·21	+ 2·48	+ 11·73	+ 0·01	+ 2·42	— 0·17	— 0·02	+ 16·47
	Bilaspur	+ 0·34	— 0·30	— 0·81	+ 0·61	— 0·99	— 1·35	+ 4·96	+ 1·28	— 1·81	— 1·12	— 0·44	+ 0·42	+ 0·79
	Saragaon	+ 0·56	— 0·21	— 0·33	— 0·23	— 0·33	— 2·91	— 1·95	+ 10·80	— 2·06	— 1·35	— 0·42	— 0·17	+ 1·40
	Sarangarh	+ 0·85	— 0·34	— 0·65	— 0·12	— 0·48	— 4·06	+ 3·38	+ 8·00	+ 2·31	+ 0·37	— 0·40	— 0·32	+ 8·54
	Raigarh	— 0·15	— 0·01	— 0·49	+ 0·13	— 0·83	— 3·36	— 4·67	+ 5·77	+ 1·16	+ 2·06	— 0·60	— 0·53	— 1·52
	Sambalpur	— 0·40	— 0·60	— 0·67	+ 0·30	— 1·22	— 6·10	+ 0·25	+ 3·72	+ 1·14	— 1·53	— 0·23	— 0·36	— 5·70
	Raipur	+ 0·06	— 0·28	— 0·57	+ 0·19	— 0·84	+ 2·50	+ 4·64	— 2·15	+ 1·18	+ 0·18	— 0·78	+ 0·02	+ 4·15
	Dhamtari	— 0·14	— 0·39	— 0·30	— 0·19	— 1·42	— 4·80	+ 16·82	+ 3·79	— 3·64	— 0·60	— 0·38	— 0·17	+ 8·58
	Bhandara	— 0·90	— 0·54	— 0·55	— 0·53	— 0·68	+ 6·97	+ 9·12	+ 10·09	+ 1·29	+ 1·60	+ 1·04	— 0·24	+ 26·67
	Nagpur	— 0·55	— 0·40	— 0·61	— 0·15	— 0·45	+ 1·15	+ 4·66	+ 3·65	— 1·15	+ 2·54	+ 1·33	— 0·36	+ 9·66
	Arvi	— 0·55	— 0·18	— 0·50	— 0·09	— 0·07	— 0·51	+ 13·72	— 0·27	+ 1·20	+ 2·61	+ 1·53	— 0·28	+ 16·61
	Wardha	— 0·22	— 0·25	— 0·32	— 0·29	— 0·46	+ 2·57	+ 11·94	+ 3·27	— 1·32	+ 1·28	+ 0·83	— 0·48	+ 16·55
	Brahmapuri	— 0·42	— 0·17	— 0·58	— 0·08	— 0·49	+ 3·94	+ 20·34	+ 4·40	— 4·92	— 1·13	+ 0·48	— 0·49	+ 20·88
	Chanda	— 0·17	— 0·68	— 1·07	— 0·44	— 2·39	+ 4·36	+ 9·83	+ 5·54	— 1·21	+ 0·98	— 0·63	— 0·17	+ 13·95
	Sironcha	— 0·12	— 0·36	— 0·46	+ 0·68	— 1·43	+ 2·87	+ 4·90	+ 4·04	— 2·18	— 0·70	+ 1·60	— 0·21	+ 8·63
	Bastar (Jagdalpore)	— 0·17	— 0·08	+ 0·70	— 0·55	— 1·11	+ 2·93	+ 3·45	— 3·11	— 1·49	+ 0·06	+ 0·31	— 0·41	+ 0·53
BERARS.	Makhla	+ 0·93	— 0·26	— 0·14	0	+ 0·14	— 0·04	+ 21·43	+ 0·88	+ 7·20	+ 4·88	+ 0·81	— 1·11	+ 34·72
	Chikalda	+ 1·11	— 0·12	— 0·32	+ 0·37	+ 0·68	— 1·19	+ 24·28	+ 0·36	+ 9·41	+ 4·90	+ 2·85	— 0·95	+ 41·38
	Ellichpur	+ 0·24	— 0·10	— 0·39	— 0·20	+ 0·20	— 0·49	+ 6·68	+ 1·76	+ 0·40	+ 10·52	+ 2·32	— 0·22	+ 20·72
	Amraoti	+ 0·02	— 0·20	— 0·32	— 0·08	+ 1·56	+ 2·92	+ 6·70	+ 1·23	+ 0·13	+ 5·03	+ 1·34	+ 0·14	+ 18·47
	Akola	— 0·47	— 0·13	— 0·43	— 0·11	+ 0·36	+ 2·67	+ 11·22	— 1·69	— 1·18	+ 6·13	+ 2·58	— 0·64	+ 18·31
	Buldana	— 0·55	— 0·13	— 0·25	— 0·26	+ 1·15	— 1·40	+ 9·16	+ 2·34	+ 1·87	+ 3·92	+ 2·98	— 0·51	+ 18·32
	Basim	— 0·31	— 0·06	— 0·18	— 0·13	+ 0·09	+ 0·79	+ 2·81	— 1·50	— 3·88	+ 1·64	+ 0·83	— 0·67	— 0·57
	Yeotmal	— 0·22	— 0·10	— 0·39	— 0·06	— 0·21	+ 3·51	+ 11·85	+ 1·03	— 2·08	+ 0·73	— 0·10	— 0·19	+ 13·77
	Wun	— 0·27	— 0·13	— 0·55	— 0·12	— 0·50	+ 3·56	+ 14·83	— 2·98	— 3·51	+ 0·25	— 0·46	— 0·35	+ 9·77
HYDERABAD	Aurangabad (Cant.)	— 0·08	— 0·02	— 0·04	+ 0·35	— 0·07	— 1·51	+ 1·24	+ 0·91	— 2·13	— 1·38	+ 1·98	— 0·75	— 1·50
	Jalna	— 0·05	— 0·01	— 0·04	— 0·07	— 0·09	+ 0·64	+ 0·65	+ 0·67	— 2·68	+ 2·94	+ 1·13	— 1·25	+ 1·84
	Hingoli	— 0·42	— 0·08	— 0·20	+ 1·42	+ 0·83	+ 0·52	+ 0·86	— 2·09	— 3·36	+ 1·34	+ 2·72	— 0·54	+ 1·00
	Parbhani	— 0·03	0	— 0·10	+ 0·23	— 0·40	— 2·00	+ 1·81	+ 1·79	— 1·22	+ 0·96	+ 0·23	— 0·44	+ 0·83
	Nandair	— 0·14	0	— 0·16	+ 0·30	+ 0·50	+ 2·12	+ 0·05	+ 8·58	+ 2·44	— 1·28	— 0·50	— 0·92	+ 10·99
	Bheer	— 0·17	— 0·02	— 0·12	— 0·16	+ 0·93	— 1·72	+ 0·79	+ 8·64	— 2·41	— 0·46	— 0·52	— 0·90	+ 3·88
	Mominabad	— 0·06	0	— 0·18	+ 0·60	+ 1·90	— 2·65	+ 1·78	+ 1·85	— 4·37	— 1·87	— 0·99	— 1·29	— 5·28
	Indur	— 0·05	— 0·01	— 0·28	+ 0·21	— 0·35	+ 2·44	+ 0·80	— 3·41	— 1·88	— 1·95	— 0·21	— 0·38	— 5·07
	Yelgandal	— 0·06	— 0·16	— 0·53	+ 0·03	— 1·10	+ 4·52	+ 0·70	— 1·38	— 4·51	— 2·10	+ 0·12	— 0·33	— 4·80

TABLE XXIX.—*Comparison of the monthly and total rainfall in 1887, with the averages of Table XXVIII*—continued.

PROVINCES.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
HYDERABAD—*contd.*	Medak	— 0·03	— 0·14	— 0·38	— 0·09	— 0·64	+ 1·10	— 3·25	— 2·08	— 0·44	+ 0·37	+ 0·33	— 0·35	— 5·60
	Ibrahimpatan	— 0·08	— 0·06	— 0·63	— 0·67	— 1·24	— 0·51	— 0·73	+ 4·87	+ 0·22	— 1·90	+ 1·41	— 0·26	+ 0·42
	Naldurg	0	0	— 0·19	— 0·14	+ 3·23	— 1·83	+ 2·48	+ 0·29	+ 1·27	— 0·68	— 0·29	— 0·59	+ 3·55
	Bidar	0	0	— 0·35	+ 0·25	+ 1·01	+ 0·85	— 3·37	— 3·06	— 1·61	— 2·93	+ 0·27	— 0·69	— 9·63
	Gulbarga	— 0·06	— 0·13	— 0·24	+ 0·17	— 0·57	+ 0·17	— 1·78	+ 1·37	+ 2·42	— 0·30	— 0·35	— 0·46	+ 0·24
	Bolarum	— 0·14	— 0·18	— 0·39	+ 0·01	— 1·17	+ 0·54	— 1·19	— 1·54	+ 1·29	— 0·67	+ 0·51	— 0·46	— 3·39
	Secunderabad	— 0·28	— 0·22	— 0·70	— 0·44	— 1·03	+ 1·30	— 2·14	— 0·75	+ 2·51	— 0·48	+ 0·61	— 0·26	— 1·88
	Hyderabad (Residency)	— 0·13	— 0·06	— 0·29	— 0·62	— 0·75	— 0·26	— 1·91	— 0·52	— 0·26	— 0·56	+ 0·53	— 0·63	— 5·46
	Nalgonda	— 0·19	— 0·01	— 0·38	— 0·13	— 0·07	+ 0·92	— 0·93	— 0·03	— 2·51	— 1·60	— 1·57	— 0·22	— 6·72
	Khamam	— 0·26	— 0·23	— 1·09	— 0·17	— 0·86	— 0·66	+ 1·82	— 0·49	— 1·89	— 0·38	— 0·92	— 0·46	— 5·59
	Sirpur	0	0	— 0·27	?	— 0·52	+ 1·21	— 1·93	+ 5·44	+ 1·17	— 1·93	+ 0·39	— 1·76	?
	Nagar Karnul	— 0·05	— 0·03	— 0·35	— 0·45	— 0·79	+ 0·65	+ 0·22	+ 0·81	+ 2·10	— 1·52	+ 1·39	— 0·48	+ 1·50
	Raichur	— 0·05	0	— 0·26	— 0·42	— 0·42	+ 0·59	+ 0·81	+ 2·58	+ 2·60	— 3·64	+ 1·37	— 0·12	+ 3·04
	Raichur (Cant.)	0	0	— 0·02	— 0·15	— 0·61	— 0·71	— 0·66	+ 4·36	0	— 2·38	+ 0·09	— 0·28	— 0·86
BOMBAY	Dhulia	— 0·32	— 0·05	0	— 0·03	— 0·14	+ 6·70	+ 5·84	+ 1·81	— 1·17	— 0·91	+ 6·27	— 0·36	+ 17·64
	Nasik	— 0·07	— 0·04	— 0·02	— 0·09	— 0·08	— 2·72	+ 1·28	— 0·95	+ 2·73	+ 0·08	+ 3·85	0	+ 3·97
	Igatpuri	— 0·15	— 0·09	— 0·05	— 0·07	— 0·35	+ 4·56	+ 33·81	— 27·80	— 2·29	— 1·85	+ 2·78	— 0·25	+ 8·25
	Malegaon	— 0·22	— 0·16	— 0·01	— 0·22	— 0·04	+ 2·56	+ 1·15	+ 1·28	— 3·34	— 1·20	+ 3·52	— 0·45	+ 2·87
	Ahmednagar	— 0·37	— 0·07	— 0·17	— 0·45	+ 0·48	— 3·22	+ 0·70	— 0·88	— 2·31	— 0·3	+ 4·18	— 0·18	— 2·63
	Poona	— 0·22	— 0·04	— 0·16	— 0·44	— 0·03	— 1·56	+ 4·12	— 1·83	+ 0·61	— 2·2	+ 3·02	— 0·08	+ 1·18
	Lanauli	— 0·05	— 0·02	— 0·11	— 0·11	— 0·47	+ 3·83	+ 15·53	— 8·58	— 6·57	— 2·42	+ 1·13	+ 0·34	+ 2·49
	Satara	— 0·31	— 0·07	— 0·07	— 0·40	+ 0·56	+ 0·24	+ 7·27	— 3·58	+ 0·83	— 0·61	+ 1·84	— 0·01	+ 5·61
	Mahableshwar	— 0·36	— 0·05	— 0·35	— 0·26	— 0·39	+ 14·90	+ 18·16	— 3·28	+ 0·75	— 1·88	+ 3·22	— 0·23	+ 29·73
	Sholapur	— 0·04	— 0·10	— 0·25	— 0·44	+ 1·32	— 0·77	+ 0·82	+ 7·54	+ 2·60	— 0·25	— 0·49	— 0·30	+ 9·60
	Kolhapur	— 0·03	— 0·02	+ 0·08	— 0·89	— 0·36	+ 0·90	+ 4·09	— 4·41	+ 1·47	— 1·09	+ 1·39	— 0·21	+ 0·92
	Baura	— 0·14	— 0·01	— 0·04	— 0·48	— 0·54	+ 17·25	— 14·87	— 14·63	+ 3·92	+ 6·47	— 0·55	— 0·49	— 4·11
	Belgaum	— 0·07	— 0·02	+ 1·18	+ 0·58	— 2·39	+ 1·15	+ 3·39	— 6·79	— 0·41	+ 6·95	+ 2·00	— 0·30	+ 5·27
	Gokak	— 0·05	0	— 0·38	+ 0·15	+ 0·70	+ 0·08	+ 2·87	— 0·75	— 0·30	+ 0·37	+ 0·90	— 0·81	+ 2·78
	Dharwar	— 0·13	— 0·01	— 0·31	+ 0·89	— 2·39	— 0·33	+ 2·40	— 2·33	+ 0·18	+ 3·38	+ 1·57	— 0·52	+ 2·40
	Hubli	— 0·06	0	— 0·26	+ 0·32	— 1·14	— 0·09	+ 1·93	— 2·00	+ 0·24	+ 1·36	+ 2·12	— 0·23	+ 2·19
	Nargund	— 0·18	— 0·10	— 0·20	+ 1·71	+ 3·08	— 0·29	— 1·17	+ 0·11	+ 0·44	— 0·07	+ 2·92	— 0·08	+ 6·17
	Mandargi	— 0·29	0	— 0·20	+ 0·76	+ 0·99	— 0·07	— 0·83	+ 0·09	— 0·24	+ 0·57	+ 1·25	+ 0·14	+ 2·17
	Kalghatgi	— 0·06	0	— 0·22	+ 0·14	— 1·00	+ 2·00	+ 1·64	— 1·92	— 1·65	+ 2·18	+ 4·11	— 0·05	+ 5·19
	Bijapur	— 0·05	— 0·02	— 0·18	+ 0·08	+ 1·39	— 1·09	— 1·08	+ 0·74	— 0·68	+ 0·41	— 0·58	— 0·81	— 1·87
	Honawar	— 0·23	0	— 0·04	— 0·17	— 1·53	+ 9·59	— 1·10	— 10·26	— 4·29	+ 14·48	+ 4·42	— 0·17	+ 10·70
	Karwar	— 0·15	0	— 0·06	— 0·23	— 0·45	+ 19·48	— 0·98	— 0·66	+ 2·57	+ 6·24	+ 1·39	— 0·13	+ 27·02
	Goa	— 0·13	0	— 0·02	— 0·09	— 0·84	+ 20·31	— 4·98	+ 3·60	— 2·64	+ 5·49	+ 2·06	— 0·12	+ 22·64
	Vingurla	— 0·17	0	— 0·05	+ 0·12	— 0·99	+ 26·66	— 6·76	— 3·74	+ 0·71	+ 8·86	+ 2·17	— 0·25	+ 26·56
	Ratnagiri	— 0·90	— 0·01	+ 0·02	— 0·11	— 0·48	+ 13·74	— 7·60	— 2·88	+ 8·73	— 2·26	+ 0·85	— 0·08	+ 9·02
	Colaba (Obsy.)	— 0·11	— 0·02	0	— 0·01	— 0·44	+ 3·23	+ 6·22	+ 2·47	+ 7·34	+ 0·96	+ 0·53	+ 0·10	+ 20·27
	Byculla (J. J. Hospital)	— 0·12	0	— 0·01	0	— 0·41	+ 2·55	+ 7·86	+ 1·21	+ 5·78	— 0·17	— 0·05	— 0·06	+ 16·58

TABLE XXIX.—*Comparison of the monthly and total rainfall in 1887, with the averages of Table XXVIII*—continued.

PROVINCES.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
BOMBAY—*contd.*	Tanna	— 0·03	— 0·07	— 0·01	0	+ 0·66	+ 7·82	— 0·20	+ 2·02	— 4·96	— 1·55	+ 0·77	+ 0·02	+ 4·47
	Matheran	— 0·06	— 0·01	— 0·01	— 0·03	+ 0·12	+ 10·62	+ 7·21	— 4·93	— 10·13	— 4·06	+ 1·74	— 0·07	+ 0·39
	Surat	— 0·03	— 0·02	0	0	+ 0·28	— 1·26	+ 8·07	— 4·18	— 5·65	— 1·38	+ 1·68	+ 0·11	— 2·38
	Broach	— 0·06	— 0·02	— 0·01	0	— 0·12	+ 5·81	— 0·83	— 5·02	— 5·00	— 1·64	+ 1·19	— 0·05	— 5·75
	Kaira	+ 0·16	— 0·19	— 0·01	— 0·04	— 0·30	+ 8·77	+ 9·34	— 1·17	— 4·14	— 0·48	+ 2·07	+ 0·20	+ 14·21
	Bariya	— 0·08	— 0·28	0	0	— 0·14	+ 8·57	+ 6·24	— 0·10	— 3·14	— 0·92	+ 0·47	— 0·12	+ 10·50
	Godhra	— 0·05	— 0·13	— 0·01	— 0·01	— 0·39	+ 2·96	+ 6·27	— 0·04	— 5·36	— 0·92	+ 2·02	+ 0·77	+ 5·11
	Dohad	— 0·07	— 0·20	— 0·02	— 0·02	— 0·33	— 1·40	+ 3·02	+ 1·20	— 4·33	— 1·00	+ 0·99	+ 0·19	— 1·97
	Ahmedabad	— 0·01	— 0·07	— 0·02	— 0·03	— 0·66	+ 3·45	+ 0·95	— 3·60	— 4·03	— 0·57	+ 0·33	+ 0·14	— 4·12
	Edar	— 0·03	— 0·16	0	— 0·02	— 0·68	+ 0·29	+ 1·55	+ 0·53	— 6·25	— 0·38	— 0·09	+ 0·56	— 4·68
	Deesa	— 0·11	— 0·17	— 0·09	— 0·05	— 0·17	— 0·66	— 2·24	— 3·93	— 3·22	— 0·79	— 0·06	+ 0·18	— 11·31
	Wadhwan	— 0·03	— 0·03	— 0·05	— 0·01	— 0·13	+ 1·80	+ 4·58	— 2·55	— 3·46	— 0·35	+ 0·63	+ 0·55	+ 0·95
	Palanpur	— 0·05	— 0·19	— 0·05	+ 0·01	— 0·65	+ 0·98	+ 3·86	— 5·75	— 5·10	— 0·72	0	+ 0·07	— 7·59
	Rajkot	— 0·05	— 0·07	— 0·01	0	— 0·37	— 3·03	+ 6·66	— 2·37	— 2·01	— 0·75	— 0·01	0	— 2·01
	Songad	+ 0·09	— 0·10	+ 0·11	— 0·03	— 0·28	+ 4·49	+ 2·22	— 2·61	— 4·83	— 1·35	+ 0·67	+ 0·46	— 1·16
	Manakwara	— 0·05	— 0·05	— 0·08	— 0·10	— 0·15	0	+ 2·56	— 2·67	— 2·76	P	P	P	P
	Bhuj	— 0·04	— 0·10	— 0·10	— 0·15	— 0·15	+ 0·96	+ 2·23	— 2·92	— 2·30	— 0·79	+ 0·17	— 0·04	— 3·23
	Rhahpur	— 0·03	0	— 0·11	— 0·12	— 0·22	+ 0·80	— 3·30	— 3·26	— 3·33	— 0·96	0	+ 0·16	— 10·37
	Nagar	— 0·11	— 0·06	— 0·05	— 0·03	— 0·27	— 1·65	— 0·95	— 2·41	— 1·76	— 0·34	0	— 0·02	— 7·65
	Kurrachee	+ 0·46	— 0·24	— 0·16	— 0·18	— 0·05	— 0·16	— 1·37	— 1·16	— 0·83	— 0·06	— 0·07	— 0·17	— 3·99
	Sehwan	+ 0·58	— 0·22	— 0·21	— 0·19	— 0·12	+ 0·38	— 1·33	— 1·43	— 0·71	0	— 0·08	— 0·14	— 3·47
	Tatta	+ 0·60	— 0·11	— 0·12	— 0·46	— 0·02	— 0·75	— 1·91	— 1·17	— 1·09	0	— 0·10	+ 0·01	— 5·12
	Hydera bad (Obsy.)	+ 0·88	— 0·13	— 0·11	— 0·20	— 0·06	— 0·38	— 1·99	— 1·41	— 0·77	0	— 0·08	— 0·01	— 4·26
	Umarkot	+ 0·38	— 0·06	— 0·13	— 0·13	— 0·08	— 0·91	— 2·35	— 3·91	— 1·08	— 0·23	0	— 0·01	— 8·51
	Shikarpur	+ 0·15	— 0·20	— 0·43	— 0·15	— 0·07	— 0·10	— 1·25	— 1·02	— 0·24	0	— 0·05	— 0·11	— 3·47
	Rohri	+ 0·02	— 0·27	— 0·43	— 0·12	— 0·21	— 0·07	— 1·25	+ 2·98	— 0·34	— 0·02	— 0·08	— 0·18	+ 0·03
	Jacobabad	+ 0·26	— 0·15	— 0·31	— 0·17	— 0·13	— 0·07	— 1·01	— 0·72	— 0·25	— 0·01	— 0·08	— 0·09	— 2·73
MADRAS.	Ganjam	— 0·15	— 0·51	— 0·78	— 0·81	— 1·50	— 2·37	+ 2·43	+ 3·58	— 2·99	— 3·87	+ 1·60	— 1·17	— 6·54
	Gopalpur	+ 0·02	— 0·57	— 0·76	— 0·73	— 1·74	— 5·14	+ 1·16	+ 3·97	— 3·98	— 2·59	— 2·42	— 1·66	— 14·44
	Aska	— 0·22	— 0·49	— 0·39	— 0·37	— 0·48	+ 1·82	+ 1·08	+ 0·53	— 1·77	— 0·30	— 0·77	— 0·66	— 2·02
	Vizianagram	— 0·16	— 0·43	+ 1·34	— 0·42	— 1·17	+ 5·61	— 0·15	— 0·37	— 0·58	+ 1·91	+ 1·48	— 1·53	+ 5·53
	Bimlipatam	— 0·28	— 0·48	+ 0·73	— 0·17	+ 0·04	+ 3·19	+ 0·43	+ 1·17	— 1·42	— 1·47	+ 0·39	— 1·27	+ 0·86
	Rayaghadda	— 0·12	— 0·10	— 0·73	+ 0·51	— 2·06	+ 4·90	+ 3·35	+ 5·93	— 0·14	— 2·02	— 0·23	— 0·71	+ 8·58
	Nourangapur	— 0·21	— 0·31	— 0·45	— 1·05	— 0·63	— 1·02	— 0·41	+ 1·24	— 0·48	+ 0·49	— 0·80	— 0·16	— 3·79
	Gunipur	— 0·06	— 0·59	+ 0·84	— 0·35	— 1·52	+ 2·71	+ 0·70	+ 2·00	+ 0·05	— 2·41	— 0·59	— 0·58	+ 0·20
	Jeypur	0	0	— 0·37	+ 1·27	— 0·26	+ 1·13	+ 8·93	+ 0·22	+ 0·93	+ 0·02	— 0·04	— 0·05	+ 11·78
	Koraput	0	0	— 0·24	— 0·09	+ 0·08	— 0·82	+ 7·86	+ 3·37	— 2·09	+ 0·61	+ 0·12	— 0·38	+ 8·42
	Malkanagiri	— 0·03	0	— 0·16	— 0·15	— 1·12	+ 6·96	+ 9·77	+ 9·52	— 7·08	— 0·28	+ 0·22	— 0·08	+ 17·57
	Narsapatnam	— 0·33	— 0·43	+ 0·55	+ 0·39	+ 0·31	+ 0·23	— 0·61	+ 0·64	— 2·37	— 0·99	— 1·19	— 1·12	— 5·01
	Vizagapatam	— 0·36	— 0·25	+ 0·01	— 0·52	— 1·95	+ 4·18	+ 1·42	— 0·79	— 1·32	+ 0·20	— 1·07	— 2·06	— 2·51
	Cocanada	— 0·24	— 0·22	— 0·19	— 0·42	— 1·53	+ 4·59	+ 0·68	+ 0·04	— 3·38	— 0·87	+ 4·02	— 0·97	+ 1·51

TABLE XXIX.—*Comparison of the monthly and total rainfall in 1887, with the averages of Table XXVIII*—continued.

PROVINCES.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Madras—*contd.*	Rajahmundry	— 0·17	— 0·26	— 0·26	— 0·90	— 1·13	+ 1·50	— 2·30	— 2·66	— 3·30	— 2·49	+ 0·82	— 0·20	— 11·35
	Ellore	— 0·24	— 0·12	— 0·44	— 0·33	— 1·35	+ 1·69	— 4·14	+ 1·92	— 3·15	+ 0·66	+ 2·72	— 0·43	— 3·21
	Masulipatam	— 0·26	— 0·11	— 0·34	— 0·04	— 1·32	+ 0·04	— 2·11	+ 1·63	— 2·34	— 4·33	+ 0·53	— 0·55	— 9·20
	Guntur	— 0·34	— 0·13	— 0·53	— 0·57	— 1·23	— 0·23	— 1·63	— 0·55	— 2·65	— 1·74	— 1·28	— 0·52	— 11·34
	Vinukonda	— 0·30	— 0·01	— 0·24	— 0·37	— 1·52	+ 0·34	+ 0·22	+ 0·20	+ 0·36	+ 2·32	+ 3·72	— 0·83	+ 3·89
	Ongole	— 0·29	— 0·03	— 0·24	— 0·17	— 0·56	+ 0·87	+ 1·52	+ 1·06	— 0·54	+ 2·36	+ 6·40	— 0·38	+ 10·00
	Nellore	— 0·45	— 0·09	— 0·23	— 0·11	+ 1·55	— 0·02	— 0·65	— 0·44	— 0·31	+ 16·04	+ 9·25	+ 0·21	+ 24·75
	Udayagiri	— 0·42	— 0·20	— 0·30	— 0·31	— 1·78	— 0·73	— 0·29	— 0·45	+ 3·40	+ 3·96	+ 5·13	+ 1·64	+ 9·65
	Tada	— 0·71	— 0·66	— 0·29	— 0·15	— 1·78	+ 1·22	— 0·65	— 4·14	— 0·77	+ 11·86	+ 0·11	+ 4·48	+ 8·52
	Kurnool	— 0·05	— 0·04	— 0·44	+ 0·34	— 1·11	+ 1·30	— 1·84	+ 4·20	+ 3·09	— 2·37	— 0·11	— 0·20	+ 2·77
	Cumbum	— 0·11	— 0·05	— 0·45	— 0·16	— 1·91	+ 1·77	+ 0·25	+ 3·72	+ 2·19	— 2·31	— 0·70	— 0·28	+ 1·96
	Nandyal	— 0·09	— 0·03	— 0·17	— 0·39	+ 1·10	+ 4·67	+ 4·86	+ 6·82	+ 1·78	— 2·37	— 0·74	— 0·30	+ 15·14
	Bellary	— 0·14	— 0·04	— 0·53	— 0·58	— 1·06	+ 2·19	+ 1·31	+ 0·69	— 1·00	— 1·19	+ 0·40	+ 0·29	+ 0·34
	Gooty	— 0·05	— 0·06	— 0·06	— 0·44	— 0·48	— 0·74	— 1·40	+ 6·19	+ 5·31	— 1·36	— 0·32	— 0·15	+ 6·44
	Adoni	— 0·06	0	— 0·04	+ 0·02	+ 0·64	+ 2·10	— 2·11	+ 1·59	+ 1·30	— 3·73	+ 0·81	+ 0·07	+ 0·59
	Dharmavaram	— 0·01	— 0·16	— 0·25	— 0·34	— 1·19	— 1·94	— 1·00	+ 4·74	+ 1·65	— 1·81	+ 0·94	— 0·21	+ 0·42
	Cuddapah	— 0·11	— 0·01	— 0·23	— 0·31	— 0·79	+ 3·09	— 2·02	+ 4·20	+ 2·09	+ 1·13	+ 3·58	+ 0·66	+ 11·28
	Madanapalle	— 0·16	— 0·11	— 0·46	— 0·68	+ 0·55	— 0·54	— 1·32	— 0·75	— 1·01	+ 0·08	+ 0·90	+ 2·31	— 1·19
	Chittoor	— 0·31	— 0·20	— 0·42	— 0·43	— 1·45	+ 2·11	— 2·91	— 3·33	— 2·32	+ 2·63	+ 2·63	+ 2·67	— 1·33
	Vellore	— 0·63	— 0·31	— 0·17	— 0·44	+ 1·14	— 0·37	— 2·18	+ 0·41	+ 1·89	+ 7·22	+ 1·99	+ 5·97	+ 14·52
	Chandragiri	— 0·30	— 0·23	— 0·33	— 0·47	— 1·04	+ 1·31	— 1·82	— 1·72	— 0·22	+ 4·47	+ 0·47	+ 8·95	+ 9·07
	Arcot	— 0·41	— 0·54	— 0·40	— 0·47	— 1·40	+ 0·63	— 1·30	— 0·22	+ 4·70	+ 4·97	+ 6·55	+ 6·16	+ 18·27
	Madras	— 0·93	— 0·29	— 0·11	— 0·63	— 2·15	— 1·44	— 0·79	+ 4·19	+ 2·95	+ 13·37	— 0·18	+ 6·71	+ 20·70
	Palmaner	— 0·20	— 0·20	— 0·33	— 0·52	— 1·18	+ 4·14	— 2·61	— 2·16	+ 4·27	— 0·76	+ 1·93	+ 3·81	+ 6·19
	Saidapet	— 0·85	— 0·27	+ 0·06	— 0·17	— 0·90	— 0·23	— 2·20	+ 0·47	+ 3·67	+ 12·21	— 7·52	+ 4·18	+ 8·45
	Chingleput	— 0·44	— 0·29	— 0·15	— 0·14	— 0·51	+ 4·06	+ 1·23	— 0·25	+ 3·07	+ 15·40	+ 3·49	+ 5·02	+ 30·49
	Conjeeveram	— 0·49	— 0·38	— 0·16	— 0·32	— 1·66	+ 2·66	— 2·58	— 1·71	+ 4·24	+ 11·80	+ 4·80	+ 5·11	+ 21·31
	Tindivanam	— 0·39	— 0·52	— 0·28	+ 0·12	— 2·37	— 0·17	— 1·21	+ 2·86	— 2·30	+ 7·74	+ 2·18	+ 5·77	+ 11·43
	Cuddalore	— 0·88	— 0·27	+ 0·62	— 0·66	+ 0·10	+ 0·23	+ 2·59	+ 2·18	+ 2·95	+ 22·29	+ 1·69	+ 10·91	+ 41·75
	Vriddhachalam	— 0·44	— 0·30	+ 0·95	— 0·43	+ 0·68	+ 2·69	— 0·48	— 0·71	— 3·22	+ 9·44	+ 4·18	+ 4·53	+ 16·89
	Udayarpalaiyam (Jyankonda-cholapuram.)	— 0·78	— 0·31	+ 1·19	+ 1·93	— 0·29	+ 0·97	— 1·87	+ 2·01	+ 0·07	+ 6·78	+ 3·70	+ 5·05	+ 18·45
	Salem	— 0·33	— 0·07	+ 0·57	+ 0·89	+ 0·68	+ 1·60	— 2·41	+ 2·36	— 2·74	+ 0·75	+ 1·83	+ 0·80	+ 3·93
	Atur	— 0·39	— 0·23	+ 1·12	— 0·90	— 1·35	+ 0·54	— 0·31	+ 3·10	— 3·48	+ 0·30	+ 1·40	+ 0·81	+ 0·61
	Shevaroy Hills	— 0·37	— 0·15	+ 0·62	— 1·05	+ 1·16	+ 3·25	— 4·40	+ 1·33	— 2·05	+ 3·70	+ 6·77	+ 2·76	+ 11·57
	Kumbakonam	— 0·65	— 0·46	+ 1·14	— 0·62	— 0·79	— 1·05	— 2·17	+ 1·34	— 2·85	+ 7·42	+ 1·11	+ 7·53	+ 9·95
	Tirupatur	— 0·13	— 0·30	— 0·59	+ 0·26	— 2·17	+ 0·93	— 2·52	— 0·63	— 4·53	+ 2·78	— 0·35	+ 0·21	— 7·04
	Hosur	— 0·23	— 0·26	— 0·66	— 0·99	— 0·14	— 0·09	— 0·21	— 1·35	— 3·96	+ 5·17	+ 4·25	+ 0·24	+ 1·77
	Tranquebar	— 1·16	— 0·36	+ 1·84	— 0·67	0	— 1·00	— 1·53	+ 2·92	+ 0·34	+ 6·82	— 4·48	+ 0·18	+ 2·90
	Negapatam	— 1·15	— 0·86	+ 3·48	+ 1·17	— 1·06	+ 2·84	— 0·37	— 1·57	— 2·21	+ 10·42	— 0·07	+ 4·69	+ 15·31
	Tanjore	— 0·65	— 0·41	+ 1·44	+ 0·06	— 1·62	+ 2·29	— 1·84	+ 1·77	— 2·22	+ 1·61	+ 4·88	+ 5·92	+ 11·23

TABLE XXIX.—*Comparison of the monthly and total rainfall in 1887, with the averages of Table XXVIII*—continued.

PROVINCES.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
MADRAS —*contd.*	Putukota	— 1·17	— 0·50	+ 1·57	+ 0·13	— 1·98	+ 0·88	— 1·12	— 2·25	— 1·05	+ 2·43	+ 4·99	+ 6·27	+ 8·20
	Trichinopoly	— 0·99	— 0·49	+ 0·86	+ 0·44	— 2·95	+ 2·00	— 2·10	+ 4·35	— 4·09	+ 0·85	— 0·26	+ 2·42	+ 0·04
	Karur	— 0·28	— 0·11	+ 0·59	+ 2·91	— 1·80	— 0·43	— 1·07	+ 0·33	— 1·84	— 0·15	— 0·02	+ 1·31	— 0·56
	Coimbatore	— 0·26	+ 0·46	+ 1·02	— 0·56	— 1·06	+ 0·43	— 0·33	— 0·60	— 0·84	+ 2·68	+ 2·15	+ 2·67	+ 5·76
	Kollegal	— 0·21	— 0·05	+ 0·05	+ 0·34	— 1·19	+ 0·19	— 2·15	— 2·24	— 2·59	+ 1·96	+ 3·15	+ 0·34	— 2·40
	Dindigul	— 0·58	— 0·30	+ 5·91	+ 0·28	— 1·69	+ 0·64	— 0·83	— 0·57	— 0·42	+ 4·44	+ 0·56	+ 6·07	+ 13·51
	Madura (Obsy.)	— 0·70	+ 0·11	+ 0·58	+ 0·10	+ 0·52	+ 3·49	— 1·59	+ 0·46	— 0·09	— 1·10	+ 0·06	+ 1·83	+ 3·67
	Pasumali	— 0·72	+ 0·05	+ 0·80	+ 0·64	— 1·67	+ 2·37	— 2·12	+ 0·85	— 1·02	— 0·06	+ 0·85	+ 1·98	+ 1·95
	Vattanum	— 1·16	— 0·94	+ 0·05	— 0·05	— 1·82	+ 0·89	+ 1·08	— 0·36	— 1·20	+ 2·53	— 2·59	— 1·44	— 5·01
	Periyakulam	— 0·75	— 0·76	+ 1·22	+ 1·40	— 1·57	— 0·64	— 0·65	+ 0·09	— 2·24	+ 1·11	— 3·40	+ 4·11	— 2·08
	Tinnevelly	— 1·26	+ 0·01	— 0·76	+ 1·67	— 1·29	— 0·72	— 0·22	— 0·01	— 0·87	+ 5·87	— 4·34	+ 1·81	— 0·11
	Tuticorin	— 1·05	— 0·21	— 0·47	+ 6·73	— 0·84	+ 0·34	— 0·20	— 0·08	— 0·63	+ 1·98	+ 6·10	+ 4·62	+ 16·29
	Satur	— 0·38	— 0·34	+ 0·45	+ 2·77	— 1·33	— 0·18	— 0·87	+ 0·24	— 0·34	+ 5·87	— 2·57	+ 2·12	+ 5·44
	Cochin	— 0·91	— 0·59	— 1·19	+ 5·32	— 7·19	— 9·28	— 8·79	— 6·56	— 2·55	+ 1·68	— 1·40	— 0·11	— 12·92
	Palghat	— 0·06	— 0·05	— 0·31	— 0·11	— 1·41	— 2·62	— 3·71	— 7·07	— 2·28	+ 4·03	+ 0·18	— 0·70	— 14·11
	Wellington	— 0·71	+ 0·27	+ 1·86	+ 1·45	— 1·15	+ 0·46	— 1·54	+ 1·14	— 2·30	+ 0·64	+ 0·58	+ 4·38	+ 5·28
	Manantoddy	— 0·23	— 0·29	+ 0·26	+ 0·56	— 4·17	+ 1·06	— 3·67	— 11·86	+ 0·17	+ 5·05	+ 1·39	— 0·29	— 12·02
	Calicut	— 0·15	+ 0·19	+ 0·11	— 1·08	— 6·31	+ 11·26	— 0·42	— 9·88	— 2·17	+ 2·25	+ 4·47	— 0·57	— 2·30
	Tellicherry	— 0·38	— 0·06	+ 0·09	— 0·65	— 3·37	+ 17·40	+ 1·70	— 7·98	— 1·58	+ 4·61	+ 6·04	— 0·23	+ 15·59
	Cannanore	— 0·49	— 0·23	— 0·12	+ 1·00	— 6·20	+ 9·12	— 4·94	— 11·07	— 1·18	+ 2·43	+ 4·76	+ 1·69	— 5·23
	Mangalore	— 0·15	— 0·08	— 0·09	— 0·80	— 4·81	+ 14·17	— 10·17	— 5·90	+ 2·81	+ 4·97	+ 1·56	— 0·52	+ 0·99
MYSORE AND COORG.	Bangalore	— 0·21	— 0·14	— 0·52	— 1·14	— 0·53	— 0·52	— 1·99	+ 0·30	— 1·82	+ 2·59	+ 1·86	+ 0·44	— 1·68
	Mysore	— 0·09	— 0·13	— 0·57	+ 0·03	+ 2·50	+ 1·79	— 1·05	+ 0·41	+ 0·66	+ 3·89	+ 5·49	+ 0·20	+ 13·13
	Shimoga	— 0·07	— 0·13	— 0·30	+ 0·89	— 2·05	+ 1·64	+ 2·43	— 1·40	— 1·31	+ 0·59	+ 5·64	— 0·39	+ 5·54
	Mercara	— 0·28	— 0·04	— 0·63	+ 1·39	— 4·67	+ 9·00	+ 2·83	— 13·23	+ 1·85	+ 8·26	+ 5·90	— 0·05	+ 10·33
	Kolar	— 0·27	— 0·02	— 0·69	+ 0·44	— 0·89	+ 3·04	— 2·24	+ 0·24	— 0·28	+ 2·72	+ 5·41	+ 1·49	+ 8·95
	Tumkur	— 0·19	— 0·24	— 0·38	— 0·76	+ 0·02	— 1·69	— 1·43	— 0·84	+ 2·50	— 1·07	+ 1·58	+ 0·41	— 2·09
	Chitaldroog	— 0·28	— 0·02	— 0·13	+ 0·23	+ 0·08	— 0·95	— 0·99	+ 0·14	— 1·46	— 0·04	+ 1·27	+ 0·29	— 1·86
	Chikmagalur	— 0·33	— 0·12	— 0·72	+ 1·83	— 2·77	+ 0·80	+ 1·09	— 2·39	— 2·34	+ 2·50	+ 1·00	— 0·07	— 1·52
	Hassan	— 1·07	— 0·13	— 0·54	+ 1·52	— 0·88	— 0·52	+ 1·89	— 1·49	— 1·46	+ 7·50	+ 0·57	— 0·19	+ 5·20
	Jaffna	— 1·47	+ 0·55	— 0·19	+ 0·35	— 1·93	+ 2·04	— 0·62	— 0·10	— 2·02	+ 5·88	— 7·57	+ 11·42	+ 6·34
CEYLON.	Manaar	— 2·16	— 0·82	+ 2·37	— 0·61	— 2·62	+ 1·44	— 0·23	— 0·61	— 0·75	+ 3·98	— 3·54	+ 14·50	+ 10·95
	Trincomalee	— 5·33	— 1·94	— 0·96	+ 2·12	— 1·01	+ 0·67	— 0·16	+ 4·67	— 2·92	— 1·06	— 4·35	+ 13·74	+ 3·47
	Batticaloa	— 2·48	+ 3·63	— 2·98	— 0·36	— 1·66	+ 0·08	— 0·63	+ 0·26	— 1·32	+ 0·83	— 7·47	+ 7·94	— 4·16
	Hambantota	— 1·90	— 1·59	— 0·49	+ 1·90	— 2·16	+ 0·19	+ 0·98	— 0·18	— 2·41	— 0·43	— 1·88	+ 4·53	— 3·44
	Galle	+ 0·86	+ 2·75	— 3·67	+ 2·78	— 6·05	+ 0·01	— 3·08	+ 3·11	— 4·55	+ 3·98	+ 1·73	+ 2·80	+ 0·67
	Ratnapura	— 2·96	— 1·98	— 4·73	+ 4·26	+ 7·68	+ 8·03	— 4·22	+ 1·24	— 11·06	— 5·15	+ 2·34	+ 2·56	— 3·99
	Colombo	— 0·69	+ 0·49	— 3·62	+ 14·22	+ 0·85	— 1·55	— 4·05	+ 0·35	— 4·19	+ 0·53	— 5·83	+ 0·57	— 2·95
	Kandy	— 1·22	+ 2·70	— 1·80	+ 5·71	— 4·16	— 1·61	— 3·01	— 2·15	— 1·38	+ 0·64	+ 1·89	+ 7·49	+ 3·10
	Newera Eliya	— 3·67	+ 0·23	— 2·12	+ 2·34	— 3·37	— 5·14	— 4·53	— 4·94	— 0·90	+ 5·69	+ 0·30	+ 11·72	— 4·39

TABLE XXIX.—*Comparison of the monthly and total rainfall in 1887, with the averages of Table XXVIII*—concluded.

PROVINCES.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
CEYLON —*contd.*	Puttalam	— 1·63	— 0·61	— 0·54	+ 1·69	— 2·21	— 0·64	+ 0·06	— 0·93	— 1·21	+ 5·55	— 0·74	+ 11·13	+ 9·92
	Anuradhapura.	— 1·80	+ 1·26	— 0·82	+ 3·96	?	?	— 0·89	— 2·14	— 2·92	+ 8·00	— 5·52	+ 17·15	?
BURMA	Akyab	+ 0·05	— 0·18	— 0·20	— 1·55	+ 6.08	—36·75	+ 1·08	+ 4·60	+ 6·56	— 8·22	— 3·73	— 0·57	—32·83
	Kyaukpyu	+ 1·29	— 0·05	+ 0·91	— 0·77	+ 10·55	+ 4·17	+ 32·78	+ 1·96	— 8·11	— 6·61	— 1·29	— 0·49	+34·34
	Sandoway	+ 0·46	— 0·06	— 0·08	— 1·11	— 0·51	— 15·24	+ 30·35	—15·90	+ 5·13	— 7·38	— 3·09	— 0·17	— 7·60
	Rangoon	— 0·15	— 0·14	+ 0·31	— 1·09	+ 4·49	+ 2·54	+ 8·06	— 5·45	+ 0·50	— 5·58	— 3·19	— 0·07	+ 0·23
	Bassein	— 0·03	— 0·25	— 0·04	+ 0·37	— 0·03	— 2·23	+ 4·07	— 4·05	— 0·78	— 3·02	— 3·68	— 0·10	— 9·77
	Diamond Island	— 0·34	— 0.17	— 0·01	— 1·36	— 3·65	— 7·23	+ 1·33	— 2·76	+ 7·90	— 6·20	— 4·46	— 1·35	—18·30
	Henzada	+ 0·24	— 0·30	0	+ 0·29	+ 3·86	— 3·10	+ 1·14	— 4·64	+ 3·68	— 1·44	— 2·10	— 0·04	— 2·41
	Myanaung	+ 0·08	— 0·04	— 0·02	+ 0·37	+ 0·52	— 1·06	+ 3·78	— 1·63	— 0·55	— 3·65	— 1·84	— 0·14	— 4·18
	Prome	— 0·01	0	— 0·01	— 0·26	— 1·77	— 4·67	+ 3·43	— 5·08	+ 0·22	— 0·99	— 2·00	— 0·03	— 11·17
	Thayetmyo	— 0·01	— 0·02	— 0·06	— 0·31	— 2·46	— 5·30	+ 1·37	— 4·53	— 0·14	— 1·57	— 2·12	— 0·04	—15·19
	Toungoo	+ 0·14	— 0·16	0	+ 0·85	— 1·98	— 0·82	+ 2·87	+ 1·54	+ 4·36	— 2·34	— 1·12	— 0·19	+ 3·15
	Shwegyin	+ 0·12	— 0·43	— 0·19	+ 0·40	+ 2·03	— 7·86	+ 12·85	— 11 04	+ 8·37	— 5·90	— 1·91	— 0·07	— 3·93
	Moulmein	— 0·02	+ 0·89	+ 2·89	— 1·10	— 7·62	— 6·94	+ 22·30	—19·64	+ 5·46	— 0·58	— 1·42	— 0·02	— 5·80
	Tavoy	— 0·18	— 0·30	+ 2·17	+ 1·17	— 1·02	— 11·08	+ 5·69	— 1·25	— 1·60	— 5·30	— 2·00	— 0·13	—13.83
	Mergui	— 0·40	+ 0·29	+ 3·63	+ 8·07	+ 14.61	— 2·07	+ 3.65	— 4·83	— 0·55	— 3·24	+ 2·94	— 0·50	+ 21·60
BAY ISLANDS.	Port Blair	— 0·77	— 1·27	+ 1·66	— 0·38	+ 5·63	+ 4·18	— 0·63	+ 3·91	—10·21	— 1·48	— 4·70	+ 3·90	— 0·16
	Nancowry	— 2·64	+ 9·36	+ 5·77	— 1·07	+ 6·25	+ 7·07	+ 5·63	+ 5·28	+ 6·81	— 0.77	+ 6·03	+ 3·28	+ 51·00
STRAITS SETTLEMENTS.	Singapore	+ 3·85	+ 6·72	— 0·71	+ 2·35	+ 0·06	+ 3·10	+ 7·91	+ 5·71	+ 1·75	— 1·46	+ 0·07	+ 2·63	+ 31·98

January.—The month was unusually disturbed in Northern India. Five disturbances passed eastwards from Upper India into or through Bengal. One of these, *viz.*, the third, was the largest of its kind that has occurred during recent years. The chief feature of this storm was that the rainfall was small in amount in the western districts of the area over which it passed, and increased eastwards. It hence gave an unusual distribution of rainfall for the month.

The first disturbance extended over the period January 6th to 9th, and gave rain to Rajputana, Central India, the Central Provinces, Chutia Nagpur, South Behar, Bengal, Assam, and Upper Burma, and some showers to the North-Western Provinces. The rainfall was nowhere large in amount.

The second disturbance was more extensive. It gave rain to Sind from the 10th to the 13th, to the Punjab on the 13th and 14th, to Rajputana on the 13th, to Central India, the Central Provinces, and Berar on the 11th, 12th, 13th, and 14th, to the North-West Provinces, Chutia Nagpur, and Behar on the 13th and 14th, and to Assam on the 14th and 15th. The rainfall was due to a diffused disturbance or cold weather storm which commenced in Western India on the 10th, travelled or extended eastwards into Assam and East Bengal, and terminated in Assam on the 15th.

The following are the largest rainfalls in 24 hours which were registered during this period :—

Date.	Station.	Inches.
January 12th	Sohagpur	2·50
January 13th	Ludhiana	2·06
Ditto	Simla	2·00
Ditto	Almorah	1·67
Ditto	Nagode	1·92.
Ditto	Chandia	1·72
Ditto	Palamow	1·55
January 14th	Dharmsala	3·88
Ditto	Chamba	2·02
Ditto	Murree	1·45
Ditto	Abbottabad	1·37

The rainfall was on the whole heaviest and most general in the eastern districts of Central India (including Gwalior, Rewah, and Bundelkhand), and in the hill districts of Upper India.

The third disturbance was the largest and most important of the month. The history of the storm is given in page 82 under the heading of pressure. It gave light showers to the Punjab, Central India, and Rajputana on the 19th and 20th, moderate or heavy rain to the North-Western Provinces, Oudh, Behar, and Chutia Nagpur on the 19th, 20th, and 21st, to Bengal on the 20th, 21st, and 22nd, and to Assam and North Burma on the 21st, 22nd, and 23rd. It also gave unusually heavy snowfall to the Eastern Himalayas, and heavy snowfall to the North-West Himalayas and the mountain districts of North-East Afghanistan. The rainfall was greatest in Behar, Bengal, and Assam. The following are the largest amounts recorded on each day of the disturbance, and indicate to some extent the distribution and intensity of the rainfall :—

Date.	Station.	Inches.
January 19th	Ulwur	1·26
Ditto	Simla	0·90
Ditto	Mussooree	0·70
Ditto	Dharmsala	0·72
January 20th	Mussooree	1·27
Ditto	Ghazipur	1·65
Ditto	Ballia	1·07
Ditto	Jamooee	1·93
Ditto	Monghyr	2·12
Ditto	Purneah	2·30
Ditto	Bhagalpur	1·82
Ditto	Jalpaiguri	1·74
Ditto	Baxa	1·62
January 21st	Kissengunge	1·28
Ditto	Katmandu	1·10
Ditto	Mongpoo	1·17
Ditto	Bhamo	1·47
January 22nd	Chittagong	1·57
Ditto	Dimagiri	1·34
Ditto	Rangamatia	1·44
Ditto	Cox's Bazar	0·93
January 23rd	Bhamo	0·86
Ditto	Dibrugarh	0·51

The occurrence of rainfall in Upper Burma, evidently due to the same general disturbance, is interesting as showing the character of these cold-weather storms, and the slight influence that the high hills separating Arakan, East Bengal, and Assam from Upper Burma have sometimes on their eastward extension.

The fourth disturbance was a small storm which began in Upper India on the 24th and passed rapidly eastwards. It gave light showers chiefly to the hill districts of Northern India on the 24th and 25th, and to East and portions of South-West and North Bengal on the 26th and 27th.

A fifth disturbance, even smaller than the previous, originated on the 28th in Upper India and passed rapidly eastwards. It gave light rain, chiefly on the hills, and in North Bengal, Sikkhim, and Assam.

The rainfall of the month was in defect over nearly the whole of the Punjab plains. There was an excess in the hill districts, and the districts of Rohtak, Gurgaon, Delhi, Hoshiarpur, and Ludhiana. The following shews the largest variations:—

	Excess.		Excess.
Simla . . .	4·07 inches.	Ludhiana . . .	1·58 inches.
Dharmsala . .	5·39 „	Delhi . . .	1·35 „

The rainfall of the month was, amidst considerable variation, slightly in excess in Rajputana. In Central India, the eastern districts had a considerable excess, which was greatest at Nagode (4·17 inches), Sutna (3·8 inches), Rewah (3·71 inches), Sitlaha (3·72 inches), and Sohagpur (3·59 inches).

The rainfall of the month was in excess, with very few exceptions, in the North-West Provinces. The excess was absolutely greatest at the hill stations of Mussooree (2·91 inches) and Pithoragarh, at Ghazipur and Mirzapur in the eastern districts and in Rohilkhand at Bareilly (2·25 inches), Moradabad (1·97 inches) and Pilibhit (1·97 inches). In Oudh, on the contrary, there was a small but general deficiency.

In Assam, Bengal, and Behar the rainfall was almost universally in excess. The largest positive variations were in some parts of Behar, Chutia Nagpur, and North Bengal, more especially at Baxa (3·52 inches), Kissengunge (2·45 inches), Palamow (3·11 inches), Sirguja (4·72 inches), Monghyr (2·42 inches), and Cherra Poonjee (3·5 inches).

The northern and central districts of the Central Provinces obtained amounts generally in excess of the normal. The largest amounts were received at the northern stations of Jubbulpore, where there was an excess of 3·31 inches, and Saugor with an excess of 2·93 inches. Hyderabad, Bombay (with the exception of Sind), Madras, and Mysore were rainless. There was a large deficiency in Ceylon, greatest at Trincomalle (5·33 inches).

The variations were small in Burma.

The following table summarizes the chief features of the rainfall of January 1887:—

Districts.	Normal average rainfall of month.	Actual average in 1887.	Excess or defect.	Excess or defect expressed as a percentage.
	Inches.	Inches.	Inches.	
Western Himalayas	3·43	4·47	+1·04	+ 30
Punjab Plains	1·14	0·92	—0·22	—.19
North Western Provinces and Oudh	0·84	1·37	+0·53	+ 63
Rajputana	0·24	0·37	+0·13	+ 54

Districts.	Normal average rainfall of month.	Actual average in 1889.	Excess or defect.	Excess or defect expressed as a percentage.
	Inches.	Inches.	Inches.	
Central India States	0·64	2·08	+1·44	+225
Behar	0·64	1·69	+1·05	+164
Western Bengal and Chutia Nagpur	0·61	2·27	+1·66	+272
Lower Bengal	0·44	1·34	+0·90	+204
Eastern Himalayas	0·83	2·56	+1·73	+208
Assam and Eastern Bengal	0·70	1·98	+1·28	+183
Orissa and Northern Circars	0·22	0·15	—0·07	— 32
Central Provinces, South	0·44	0·66	+0·22	+ 50
Berar and Khandesh	0·32	0·27	—0·05	— 16
Guzerat	0·05	0·02	—0·03	— 60
Sind and Cutch	0·25	0·54	+0·29	+116
North Deccan	0·14	...	—0·14	—100
Konkan and Ghâts	0·21	...	—0·21	—100
Malabar and Ghâts	0·33	...	—0·33	—100
Hyderabad	0·09	...	—0·09	—100
Ceded Districts and Mysore	0·20	...	—0·20	—100
Carnatic	0·62	...	—0·62	—100
Nilgiris	0·73	0·02	—0·71	— 97
Ceylon	4·07	2·03	—2·04	— 50
Arakan	0·36	1·76	+1·40	+389
Pegu	0·10	0·09	—0·01	— 10
Tenasserim	0·17	0·05	—0·12	— 71
Bay Islands	1·85	0·15	—1·70	— 92

February was an unusually dry month. The only disturbance or cold-weather storm of the month occurred during the period lasting from the 2nd to the 6th. It was a very feeble storm on the plains of Northern India, and the accompanying rainfall was almost entirely confined to the Himalayan area, over the higher portions of which, especially in the Assam Himalayas, heavy snow fell. A few showers were also received in North Sind on the 13th, 14th, and 15th, and in Assam, chiefly on the 26th. The southern districts of Madras, including Coimbatore, Madura, and Tinnevelly, had thunderstorms on the 10th and 11th. The largest amounts registered were at Madura 0·95 inch and Tinnevelly 0·9 inch. Nancowry had frequent heavy showers between the 19th and 24th and also on the 27th, and Tenasserim light showers on the 26th and 27th. With these exceptions the month was dry and rainless over the whole of India.

The rainfall of the month was hence almost universally in defect, the only exceptions being Nancowry, Tenasserim, Ceylon, and the districts of Madura, Coimbatore, and Tinnevelly in Madras. The following table gives rainfall data for the month for each of the 27 meteorological divisions into which India is divided and shews fully its distribution.

Districts.	Normal average rainfall of month.	Actual average in 1887.	Excess or defect.	Excess or defect expressed as a percentage.
	Inches.	Inches.	Inches.	
Western Himalayas	2·83	0·58	—2·25	— 80
Punjab Plains	0·93	0·01	—0·92	— 99
North-Western Provinces and Oudh	0·55	0·01	—0·54	— 98
Rajputana	0·13	...	—0·13	—100
Central India States	0·27	...	—0·27	—100
Behar	0·49	...	—0·49	—100
Western Bengal and Chutia Nagpur	0·61	...	—0·61	—100
Lower Bengal	0·93	0·03	—0·90	— 97
Eastern Himalayas	0·66	0·10	—0·56	— 85
Assam and Eastern Bengal	1·22	0·30	—0·92	— 75
Orissa and Northern Circars	0·48	...	—0·48	—100
Central Provinces, South	0·38	...	—0·38	—100
Berar and Khandesh	0·11	...	—0·11	—100
Guzerat	0·12	...	—0·12	—100
Sind and Cutch	0·17	0·03	—0·14	— 82
North Deccan	0·03	...	—0·03	—100
Konkan and Ghâts	0·02	...	—0·02	—100
Malabar and Ghâts	0·21	0·07	—0·14	— 67
Hyderabad	0·06	...	—0·06	—100
Ceded Districts and Mysore	0·09	...	—0·09	—100
Carnatic	0·38	0·09	—0·29	— 76
Nilgiris	0·34	0·61	+0·27	+ 79
Ceylon	2·37	2·76	+0·39	+ 16
Arâkan	0·61	0·13	—0·48	— 79
Pegu	0·14	...	—0·14	—100
Tenasserim	0·64	0·76	+0·12	+ 19
Bay Islands	1·64	5·68	+4·04	+246

March.—Rainfall in March is sometimes due to the same class of disturbances or cold-weather storms as in January and February, but more frequently to disturbances originating either in Bengal over the area of interacting land and sea winds in that province, or in the Hills of Northern India, where they are evidently due to somewhat similar causes. There were three periods of disturbance during the month of March 1887 in the hill districts of Upper India, the first, lasting from the 2nd to the 4th, the second and most important from the 12th to the 15th, and the third from the 27th to the 30th. The rainfall of these disturbances in Upper India was almost entirely confined to the hill districts.

The periods of disturbance in Bengal and Assam almost coincided in time with those of the Himalayan area, and shew that both were expressions or features of more general slight atmospheric disturbances common to the whole of Northern India. The first disturbance of the month in North-Eastern India lasted from the 1st to the 4th and gave showers and thunderstorms, chiefly to East Bengal, Assam, and Upper Burma.

The second extended over the period from the 13th to the 16th. It began as a series of thunderstorms in East Bengal on the 12th, extended to North Bengal and North Behar on the 13th, and intensified on the 14th, when nearly the whole of Bengal and Behar received heavy showers. This disturbance had by this time almost exhausted in itself, for on the 15th light showers only fell, and were confined to Orissa, South-west and East Bengal, and the disturbance passed away during the evening of that day. Amongst the heaviest rainfalls of this period were:—

Date.	Stations.	Inches.
March 13th	Pubna	2·55
March 14th	Lalbagh	2·16
Ditto	Ghattal	1·80
Ditto	Beauleah	1·47
Ditto	Mickligunge	2·04
March 15th	Bhuddruck	1·50

The disturbance was more marked and gave larger amounts of rain in Assam. It began in that province on the 10th and lasted until the 15th. Some heavy falls were received in the Khasia Hills and Sylhet district. Thus 6·50 inches fell at the station of Sylhet on the 11th, and 3·65 inches on the 11th and 3 inches on the 13th at Cherra Poonjee. The rainfall due to this disturbance was general in Bengal and Assam and very widely spread, but the amounts received were generally not very large.

The third period of rainfall lasted from the 27th to the 31st, and accompanied a very unusual disturbance. A deepish depression formed in the Punjab on the 27th, and gave very unsettled weather with rain and snow in the Punjab hill districts. A second and smaller depression apparently subsidiary to it formed in the Central Provinces and Chutia Nagpur. It was shallow but very persistent for some days, and gave rise to a strong indraught from the head of the Bay. The area chiefly affected by this smaller and perhaps subsidiary depression included the whole of Bengal and Assam, Behar, Chutia Nagpur, and the eastern districts of the North-West Provinces and Oudh, in which numerous thunderstorms occurred. By far the largest proportion of the rainfall due to this storm was received in Bengal and Assam. The most remarkable feature was a series of thunderstorms and of squally weather on the morning of the 30th in South-West Bengal, which gave a heavy downpour to the districts of Hooghly, Howrah, Midnapore, Burdwan, and the 24-Pergunnahs. The following gives the heaviest rainfalls on each day of this disturbed period:—

Date.	Stations.	Inches.
March 27th	Saugor Island	1·6
Ditto	Meherpore	1·7
Ditto	Jessore	1·38
March 28th	Fenny	1·85
Ditto	Comillah	1·65
Ditto	Midnapore	1·27
March 29th	Kishnaghur	2·81
Ditto	Khatra	3·72
Ditto	Noakholly	2·86

Date.	Stations.	Inches.
March 29th	Fenny	2·21
Ditto	Goalundo	2·15
March 30th	Serampore	5·04
Ditto	Burdwan	4·56
Ditto	Barrackpore	4·50
Ditto	Bongong	3·90
Ditto	Hooghly	3·84
Ditto	Calcutta	3·16
Ditto	Howrah	3·10
Ditto	Busseerhat	3·45
Ditto	Cooch Behar	3·71

A few slight showers fell on the 31st, chiefly in Assam, when the disturbance passed away. It gave an average of nearly 3 inches of rain to East and South-West Bengal, 1·8 inches to North Bengal, and 0·5 inch to Behar. Assam also received frequent showers during this period, but the amounts were generally small.

Over the greater part of North-Western and Central India (*i.e.*, Sind, Cutch, Guzerat, Rajputana, Central India, Berar and the Central Provinces) and the Deccan no rain fell during the month. In the Circars and Ganjam district a series of thunderstorms gave light showers on the 26th and 27th. Over the Madras Presidency to the south of latitude 12° N. a series of thunderstorms, which occurred during the 21st, 22nd, and 23rd, gave some unusually heavy downpours of rain. Amongst the more remarkable of these were :—

Stations.	Inches.	
Tranquebar	2·00	on the 21st
Negapatam	2·78	„ 22nd
Tanjore	1·95	„ 22nd
Dindigul	5·95	„ 23rd

Little or no rain fell in Burma except in the Tenasserim district, which obtained general rain in moderate amounts on the 27th and 28th.

The rainfall of the month was small in amount and unimportant over a large part of the country, including Western, North-Western, and Southern India and the Gangetic plain west of Behar. It was even less than usual in the Punjab, Rajputana, Central India, the North-West Provinces, Central Provinces, Berar, Hyderabad, and Bombay, and the greater part of Madras. It was considerably in excess in Bengal, Assam, and Burmah, chiefly owing to the heavy rain which accompanied the third disturbance or storm of the month.

The following table gives a comparison of the average actual and normal rainfall in the seven meteorological divisions of Bengal :—

Divisions.	Average rainfall, March 1887.	Normal average, March.	Variation.
	Inches.	Inches.	Inches.
Orissa	1·56	1·14	+0·42
South-West Bengal	3·43	1·36	+2·07
East Bengal	5·33	2·58	+2·75
North Bengal	2·91	1·06	+1·85
North Behar	0·47	0·37	+0·10
South Behar	1·00	0·38	+0·62
Chutia Nagpur	0·01	1·03	+0·92

The following table gives the most striking examples of the increased rainfall of the month in Bengal, and shows that at many stations from two to four times the normal amount was received :—

Stations.	Actual rainfall, March 1887.	Average rainfall, March.	Excess.
	Inches.	Inches.	Inches.
Bogra	4·13	0·90	3·23
Pubna	6·93	1·75	5·18
Mymensingh	7·73	2·21	5·52
Commillah	7·49	3·06	4·43
Chittagong	6·50	2·06	4·44
Berhampore	5·09	1·16	3·93

In Assam there was a slight excess, largest at Cherra Poonjee (11·37 inches) and Sylhet (9·21 inches).

The whole of Madras to the south of Cuddapah had larger amounts than usual. This was mainly due to the heavy thunder-showers on the 21st, 22nd, and 23rd. The rainfall was very irregularly distributed, and the following gives the largest excess variations :—

Station.	Excess.
Dindigul	5·91 inches.
Negapatam	3·48 „
Tranquebar	1·84 „

Tenasserim and the Bay Islands also obtained larger amounts than usual for the season, *e.g.*:—

Station.	Excess.
Nancowry	5·77 inches.
Port Blair	1·66 „
Mergui	3·63 „
Moulmein	2·89 „
Tavoy	2·17 „

Ceylon, on the other hand, had very deficient rain during the month.

The following table summarizes the chief features of the rainfall of March 1887 :—

Districts.	Normal average rainfall of month.	Actual average in 1887.	Excess or defect.	Excess or defect expressed as a percentage.
	Inches.	Inches.	Inches.	Inches.
Western Himalayas	3·03	2·03	—1·00	— 33
Punjab Plains	1·14	0·19	—0·95	— 83
North-Western Provinces and Oudh	0·48	0·11	—0·37	— 77
Rajputana	0·11	0·01	—0·10	— 91
Central India States	0·23	0·09	—0·14	— 61
Behar	0·39	0·69	+0·30	+ 77
Western Bengal and Chutia Nagpur	0·84	0·36	—0·48	— 57
Lower Bengal	1·54	3·26	+1·72	+112
Eastern Himalayas	2·21	2·87	+0·66	+ 30

Districts.	Normal average rainfall of month.	Actual average in 1887.	Excess or defect.	Excess or defect expressed as a percentage.
	Inches.	Inches.	Inches.	
Assam and Eastern Bengal	3·77	6·39	+2·62	+ 69
Orissa and Northern Circars	0·83	0·85	+0·02	+ 2
Central Provinces, South	0·55	0·01	—0·54	— 98
Berar and Khandesh	0·22	—	—0·22	—100
Guzerat	0·03	0·01	—0·02	— 67
Sind and Cutch	0·20	—	—0·20	—100
North Deccan	0·23	0·14	—0·09	— 39
Konkan and Ghâts	0·07	0·01	—0·06	— 86
Malabar and Ghâts	0·77	0·54	—0·23	— 30
Hyderabad	0·35	—	—0·35	—100
Ceded Districts and Mysore	0·43	0·05	—0·38	— 88
Carnatic	0·51	1·02	+0·51	+100
Nilgiris	2·18	4·04	+1·86	+ 85
Ceylon	3·25	1·62	—1·63	— 50
Arakan	1·63	3·79	+2·16	+133
Pegu	0·03	0·06	+0·03	+100
Tenasserim	0·93	3·06	+2·13	+229
Bay Islands	1·45	5·17	+3·72	+257

April—Like its predecessor, was a very dry month over the greater part of the country. There were two periods of disturbance in the hills of Upper India. The first lasted from the 5th to the 8th. A few isolated showers also occurred during this period in Central India, the Central Provinces, Oudh, and the eastern districts of the North-West Provinces and in the Punjab, more especially near the foot of the hills. The second extended from the 15th to the 20th and was confined to the hill districts.

The rainfall in Bengal and Assam, although apparently due to different conditions, occurred practically during the same periods, thus pointing to the probability of both being special expressions of general disturbances common to the whole of Northern India. The first disturbance and period of rainfall in Bengal lasted from the 7th to the 10th. Behar had light scattered showers on the 7th, 8th, and 9th, and Bengal on the 8th, 9th, and 10th. The second period of disturbance in North-Eastern India extended from the 13th to the 18th. It began in the northern districts of North Bengal on the 13th. From the 14th to the 18th local showers fell in Assam and Bengal and were heaviest, and gave the largest total rainfall in Assam, but the amounts registered were generally small. There was a third period of disturbance in Bengal which was not associated with disturbance in Upper India. It was feeble and short-lived, extending over the 29th and 30th. The rainfall attending it was confined to the northern districts of North Bengal and to South-West Bengal. This disturbance probably formed part of a more general one, which also gave very heavy rain in Assam from the 25th to the 30th. During this period 18·34 inches fell at Cherra Poonjee and 10·40 inches at Sylhet.

It may be remarked that these periods of disturbance usually occur after an interval of hot dry weather, during the latter part of which the barometer falls considerably, and frequently very irregularly in Northern India. Near the hills in the North-Western Provinces, North Bengal and Assam, the disturbances give rise to severe thunderstorms which frequently, if not invariably, form over the hills and rush down with very considerable velocity. They are sometimes attended with very and destructive severe hail showers. In South and Central Bengal, storms of a similar character are of frequent occurrence, and in West Bengal are known as nor'-westers from the direction where they appear to form, and whence they usually advance. They are of various degrees of violence, and on rare occasions develope into tornadoes which are as destructive to life and property, as the corresponding class of storms in certain parts of the United States. They are generally of limited extent, passing rapidly over a long but narrowish strip of country. The winds which accompany them are always more or less violent, and are sometimes of hurricane force. They frequently give excessive rain during short periods and occasionally severe hail. They appear to originate in the interaction of winds or air currents of opposite characters, *e. g.*, the land winds and sea winds in Bengal, &c. The local indraught from the sea to the interior of Southern India gives rise to similar effects, but on a smaller scale. Thus in April 1887, local showers (chiefly accompanying thunderstorms) occurred at intervals in every part of the Bombay and Madras Deccan, Mysore, Hyderabad and the southern districts of the Central Provinces and also in Southern India (including the districts of Coimbatore, Madura, Trichinopoly, Salem and Tanjore). The maritime districts of Madras and Bombay were on the other hand practically rainless during the whole month.

The same class of disturbance also occurs at this season in Lower Burma, but apparently to a much less extent than in Bengal. This is confirmed by the fact that in April 1887 there was no period of general rain in Burma as in Bengal, nor did the barometric observations present large irregularities and rapid fluctuations such as occurred in Bengal. The great majority of the showers in April 1887 in Burma and Southern India were very light, and instances of rainfall, exceeding one inch in the 24 hours, were rare. The following are the only recorded examples in Burma (excluding Tenasserim) during the month, and in Bombay and Madras from the 1st to the 23rd of the month :—

Date.	District.	Station.	Inches of rainfall.
2nd April.	Hyderabad	Hingoli . . .	1·40
10th „	Bombay	Nargund . . .	1·20
15th „	Madras (North)	Rayaghadda . .	1·50
28th „	Upper Burmah	Yeu	1·490

In South Madras during the last week of the month frequent showers were received, especially between the 28th and the 30th, which gave general rainfall to the whole area.

Amongst the more noteworthy rainfalls of this disturbance were :—

Negapatam	1·7	inches on the 28th April.	Dindigul .	1·85	inches on the 29th April.
Pasumali	2·6	„ ditto.	Madura .	1·74	„ ditto.
Vattanum	2·5	„ ditto.	Trichinopoly	1·52	„ ditto.
Satur .	2·3	„ ditto.	Karur .	3·00	„ on the 30th April.
Cochin .	4·22	„ on the 29th April.	Cannanore .	1·10	„ ditto.

These rainfall amounts are much larger than those which usually occur during local thunder-storms. The largest rainfalls too were registered at the ports in the Malabar Coast and on the west Ceylon coast (where Colombo received 605 inches on the 28th). It is hence almost certain that this rainfall was due to an early and feeble advance of southerly humid winds similar in character, but much inferior in force and body, to those which constitute the south-west monsoon in May and June.

The rainfall of the month of April 1887 was, like that of the preceding month of March, small in amount over nearly the whole of the interior of India, and generally much below the average of the month. This was the case in the Punjab, Rajputana, the western and central districts of the North-West Provinces, Orissa and South-West and East Bengal, the Central Provinces, the Berars, the coast districts of Bombay, the north and central districts of Madras, Mysore and Burma.

There was a slight excess of little importance in the Bombay-Deccan, and a considerable excess in the southern districts of Madras, and in Ceylon and South Tenasserim, due to the exceptional rain of the last week of the month. The heavy rain in Tenasserim in last week of the month was almost certainly also due to an early and feeble advance of moist winds from the south analogous to the true monsoon current, and differing from the local land and sea winds, the interaction of which produces the thunderstorms of Burmah, the Deccan and Southern India at this period. The following gives the more remarkable variations from the normal rainfall in Southern India:—

Stations.	Actual rainfall, April 1887.	Average rainfall, April.	Excess inches.
	Inches.	Inches.	Inches.
Colombo	23·80	9·58	14·22
Mergui	13·94	5·87	8·07
Tuticorin	8·35	1·62	6·73
Cochin	9·87	4·55	5·32
Galle	11·69	8·91	2·78
Karur	4·73	1·82	2·91
Satur	4·28	1·51	2·77

The following table summarizes the chief features of the rainfall of April 1887:—

Districts.	Normal average rainfall of month.	Actual average in 1887.	Excess or defect.	Excess or defect expressed as a percentage.
	Inches.	Inches.	Inches.	
Western Himalayas	2·11	1·23	−0·88	−42
Punjab Plains	0·74	0·17	−0·57	−77
North-Western Provinces and Oudh	0·22	0·30	+0·08	+36
Rajputana	0·06	0·04	−0·02	−33
Central India States	0·12	0·13	+0·01	+8
Behar	0·37	0·56	+0·19	+51
Western Bengal and Chutia Nagpur	0·60	1·04	+0·44	+73
Lower Bengal	2·58	1·40	−1·18	−46

Districts.	Normal average rainfall of April.	Actual average in April 1887.	Excess or defect.	Excess or defect expressed as a percentage.
	Inches.	Inches.	Inches.	
Eastern Himalayas	4·74	5·13	+0·39	+ 8
Assam and Eastern Bengal	7·99	7·73	−0·26	−3
Orissa and Northern Circars	1·12	0·77	−0·35	−31
Central Provinces, South	0·41	0·33	−0·08	−20
Berar and Khandesh	0·19	0·25	+0·06	+32
Guzerat	0·02	—	−0·02	−100
Sind and Cutch	0·19	0·02	−0·17	− 89
North Deccan	0·99	1·15	+0·16	+ 16
Konkan and Ghâts	0·20	0·08	−0·12	− 60
Malabar and Ghâts	2·62	3·33	+0·71	+ 27
Hyderabad	0·48	0·40	−0·08	− 17
Ceded Districts and Mysore	0·96	0·95	−0·01	− 1
Carnatic	1·00	1·32	+0·32	+ 32
Nilgiris	3·00	4·45	+1·45	+ 48
Ceylon	5·49	8·69	+3·20	+ 58
Arakan	2·67	—	−2·67	−100
Pegu	1·14	0·99	−0·15	− 13
Tenasserim	3·81	5·87	+2·06	+ 54
Bay Islands	3·63	2·90	−0·73	− 20

May.—The month was remarkably dry over the whole of the interior of Northern India. With the exception of a few unimportant showers in the hills, the month was rainless in the Punjab, Rajputana, Central India and the western and central districts of the North-West Provinces. In Bengal and Behar thunder showers occurred at frequent intervals during the first fortnight of the month, the periods of most extensive disturbance and general rainfall being from the 1st to the 4th and from the 9th to the 12th. Some heavy showers fell in East Bengal during the second of these periods, for example:—

Date.	Stations.	Rainfall.
May 9th	Perozepore	3·51 Inches.
May 10th	Burrisal	3·32 ,,
Ditto	Noakholly	3·26 ,,
May 11th	Rangamatia	3·46 ,,
May 12th	Gournaddi (Backergunge)	3·10 ,,

From the 13th to the 24th there was no rain with the exception of a few local showers of no importance. This was in part due to the formation of a cyclonic whirl in the Bay on the 19th and the 20th, in front of an early uprush of humid south-west monsoon winds. The cyclone thus generated between the Andamans and the West Pegu coast advanced in a north-west direction to the Orissa coast, increasing in intensity as it approached the head of the Bay. The centre crossed the coast near Balasore about 3 A.M. on the

morning of the 26th, and advanced into Central Behar, where it broke up on the 28th. It gave a deluge of rain to the districts over which it passed, and more or less heavy rain over the whole of Bengal, Behar, Chutia Nagpur, Orissa, Assam and the eastern districts of the North-West Provinces. The most remarkable feature, however, was that the strong south-west winds which generated it, continued to blow across the Bengal coast for four days after the breaking up of the storm, and gave excessive rain over the greater part of Bengal and Behar until the evening of the 1st of June, when they rapidly decreased in strength, and rain practically ceased to fall. The following table gives some of the more remarkable rainfalls during this period in Bengal :—

Stations.	May 25th.	May 26th.	May 27th.	May 28th.	May 29th.	May 30th.	May 31st.	June 1st.	Total.
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
Chandbali	11·50	1·70	...	...	...	...	...	...	13·20
Balasore	0·25	6·46	0·45	3·45	...	...	...	...	10·61
Bhudruck	...	7·66	...	...	...	...	...	...	7·66
Cutwa	...	0·70	4·79	4·69	0·19	...	0·37	3·89	14·63
Azimgunj	0·04	0·15	2·55	2·94	1·03	1·14	0·65	1·12	9·62
Durgapur	...	0·33	0·59	1·16	...	0·68	...	11·11	13·87
Dewanganj	0·10	2·45	1·55	0·88	...	0·15	1·49	19·67	26·29
Maldah	0·54	...	1·75	2·80	2·82	2·55	0·85	3·98	15·29
Serajgunj	0·02	0·05	0·19	1·15	1·08	0·02	0·29	10·87	13·67
Nowkhilla	0·16	0·02	0·11	2·96	0·22	0·12	1·16	10·99	15·74
Bogra	0·67	0·05	0·21	3·28	1·22	0·91	2·22	15 60	24·16
Panchbibi	0·30	...	2·30	5·26	0·84	1·06	2·00	4·00	15·76
Dinagepore	...	0·33	3·73	4·87	1·61	0·98	5·86	0·30	17·68
Rungpore	...	0·05	0·09	8·05	1·54	0·54	1·16	2·33	13·76
Bagdogra	0·40	...	1·27	6·79	0·45	1·51	8·65	4·73	23·80
Siliguri	...	0·35	1·75	5·65	2·00	0·62	2·70	0·05	13·12
Kissengunge	...	...	2·05	5·82	0·75	0·52	7·83	0·11	17·08
Purneah	...	0·07	8·68	1·47	0·06	3·28	8·43	0·06	22·05
Monghyr	...	...	1·42	0·89	0·51	6·24	0·91	...	9·97
Rajmehal	...	0·15	7·70	1·70	0·32	6·00	4·28	...	20·15
Godda	...	0·13	2·15	2·85	0·25	2·84	7·95	...	16·17

In the Deccan and Southern India, there were occasional showers during the first fortnight of the month, similar in character to those which had occurred in the month of April. There was little rain during the remainder of the month until the 29th and 30th, when a very feeble burst of the monsoon occurred in the Malabar Coast districts and Mysore. The period of the cyclonic storm in Bengal and the Bay was hence associated with an

almost entire absence of rainfall in Southern India, and a delay in the establishment of the monsoon on the Malabar Coast.

In Burma, on the other hand, there was, with the exception of a short interval between the 5th and 9th, daily rain in almost every part of Burma as far north as Bhamo. It was heaviest and most general during the period extending from the 16th to the 25th, but in no case were the amounts so large as occasionally happen in a strong advance of monsoon winds up the Bay.

The rainfall of the month was in defect in the Punjab, Rajputana, Central India, the North-West Provinces (excepting the districts of Ghazipur, Ballia, and Benares), the Central Provinces, Bombay, Hyderabad, and Madras and Ceylon with a few local exceptions.

With the exception of one or two light showers, no rain fell during the month in the Punjab, which receives in May an average of half an inch in the western districts to one and a half inches at Rawalpindi. Rajputana and Central India, in which the normal rainfall varies from one-third of an inch to one inch, also received practically no rain. Oudh and the North-West Provinces, with the exception of the most eastern districts, including Benares, Mirzapore, Ballia, Jalaun, Gorakhpur and Azamgarh, obtained no rain during the month. The normal rainfall of that area for the month varies from half an inch in the Gangetic Doab to 1½ inches at the foot of the Mussoorie and Naini Tal hills.

In Bengal there were frequent light showers during the early part of the month. The cyclonic storm of the last week of the month brought up a vast body of moisture which was deposited as rain chiefly in West and North Bengal, Behar, Chutia Nagpur and Orissa. Some extraordinary falls of rain accompanied the storm, more especially as it was breaking up, the largest being 19·67 inches at Dewanganj in the Mymensingh district. In East Bengal and the eastern districts of South-West Bengal the rainfall of the month was below the average by moderate amounts. Thus at Comillah the deficiency was 5·85 inches, at Kishoreganj 4·92 inches, at Mymensingh 3·28 inches and at Dacca 2·78 inches. Over the remainder of the province the rainfall was in excess by amounts which varied very greatly. Along the track of the centre of the cyclone as well as in South Behar, the eastern districts of North Behar, Central and North Bengal, the excess varied from 5 to 10 inches, except in the Purneah and Dinagepore districts and in parts of Rungpore, Jalpaiguri, Darjeeling, and the Sonthal Pergunnahs, in which it ranged from 10 to 19 inches. The following gives the most striking cases:—

Districts.	Actual rainfall, May 1887.	Average rainfall, May.	Excess.
	Inches.	Inches.	Inches.
Purneah	22·71	4·42	18·29
Kissengunge	20·95	6·32	14·63
Dinagepore	20·32	7·68	12·64
Darjeeling	19·64	7·67	11·97
Godda	16·87	3·60	13·27

The following statement from the Bengal Meteorological Report for the month shews the rainfall variations in the different districts of that province:—

Divisions.	Average rainfall, May 1887.	Normal average, May.	Variation.
	Inches.	Inches.	Inches.
Orissa	7·10	3·68	+3·42
South-West Bengal	7·32	5·27	+2·05
East Bengal	6·75	9·52	—2·77
North Bengal	13·31	8·41	+4·90
North Behar	5·06	2·86	+2·20
South Behar	8·58	2·03	+6·55
Chutia Nagpur	7·05	2·43	+4·62

The rainfall of Assam for the month was in defect, except locally at Dhubri and in the Sibsagar and Lakhimpur districts. The deficiency was greatest in the Silchar district. Cachar, the sudder station, received only 9·25 inches, or 6·45 inches less than its normal amount (15·7 inches). Averaged 5 inches in the central districts of the Brahmaputra Valley. The eastern districts shared to some extent in the heavy rainfall which accompanied the cyclonic storm of the last week of the month.

The Central Provinces, Berars and Hyderabad received showers chiefly between the 5th and 10th. There was local excess at several stations in the Berars and Hyderabad, but with this exception the rainfall was in moderate defect.

In Bombay and Madras occasional showers were received, which were most frequent in the Malabar Coast districts and South Madras. There was, however, no general rainfall such as usually occurs in the last ten days of the month when the south-west monsoon generally sets in. The rainfall was hence almost universally in defect by amounts which were very small in North Bombay and averaged from 1 to 2 inches over the greater part of the province. In the Malabar Coast the deficiency was much greater, ranging from 3·37 inches at Tellicherry to 7·1 inches at Cochin. The deficiency was almost as marked in Ceylon as in the Malabar Coast districts.

The rainfall of the month was very irregular in Burma, but was on the whole considerably in excess, as also at the Bay Islands. The excess was greatest at Mergui (14·61 inches), Kyaukpyu (10·55 inches), and Nancowry (6·25 inches).

The following table summarizes the chief features of the rainfall of May:—

Districts.	Normal average rainfall of May.	Actual average in May 1887.	Excess or defect.	Excess or defect expressed as a percentage.
	Inches.	Inches.	Inches.	
Western Himalayas	2·85	0·45	—2·40	— 84
Punjab Plains	0·80	0·03	—0·77	— 96
North-Western Provinces and Oudh	0·78	0·25	—0·53	— 68
Rajputana	0·66	0·03	—0·63	— 95
Central India States	0·44	0·16	—0·28	— 64
Behar	1·87	6·61	+4·74	+253

Districts.	Normal average rainfall of May.	Actual average in May 1887.	Excess or defect.	Excess or defect expressed as a percentage.
	Inches.	Inches.	Inches.	
Western Bengal and Chutia Nagpur	2·34	6·66	+4·32	+185
Lower Bengal	6·50	9·12	+2·62	+ 40
Eastern Himalayas	11·24	17·80	+6·56	+ 58
Assam and Eastern Bengal	14·23	12·55	—1·68	— 12
Orissa and Northern Circars	2·68	2·86	+0·18	+ 7
Central Provinces, South	0·98	0·19	—0·79	— 81
Berar and Khandesh	0·61	0·86	+0·25	+ 41
Guzerat	0·33	0·04	—0·29	— 88
Sind and Cutch	0·13	...	—0·13	—100
North Deccan	1·86	1·95	+0·09	+ 5
Konkan and Ghâts	1·39	0·95	—0·44	— 32
Malabar and Ghâts	7·55	2·80	—4·75	— 63
Hyderabad	1·14	0·99	—0·15	— 13
Ceded Districts and Mysore	3·29	2·76	—0·53	— 16
Carnatic	2·45	1·39	—1·06	— 43
Nilgiris	3·25	2·10	—1·15	— 35
Ceylon	6·50	5·27	—1·23	— 19
Arakan	11·15	12·50	+1·35	+ 12
Pegu	7·17	7·04	—0·13	— 2
Tenasserim	15·96	17·96	+2·00	+ 13
Bay Islands	14·58	20·52	+5·94	+ 41

June.—A very early advance of monsoon winds up the Bay gave the whole of Bengal and Behar a very heavy burst of rain from the 26th May until the 1st of June, when the current weakened and fine weather set in over the province. The next advance of monsoon winds occurred after a small storm, which began to form near the head of the Bay on the 10th and crossed the coast of Orissa and Ganjam on the 13th. It advanced through the eastern districts of the Central Provinces into the Allahabad and Benares districts on the 15th. This determined general rain over the Gangetic plain as far west as Basti and Allahabad from the 13th or 14th to the 16th. A short and partial break followed which was terminated by the advance of a second small cyclonic storm of rapid formation on the 19th across the coast between Balasore and Saugor Island. It advanced to the north-north-west into Central Behar. The indraught gave general rain over the whole of Bengal and Behar on the 20th, 21st, and 22nd, and showers more or less irregularly distributed over the North-West Provinces and the Punjab. Ordinary south-west monsoon winds and rainfall continued in Bengal, Burma, Assam and Eastern districts of the North-West Provinces during the remainder of the month.

The monsoon commenced in the Malabar Coast districts on the 4th, and extended rapidly northwards on the 5th to the Bombay coast as far north as Tanna. It blew very steadily during the month across the Malabar and Bombay coasts. It advanced rapidly

inland and gave general rain to the Central Provinces on and from the 12th, to Central India from the 14th, to the Bombay Deccan districts and Mysore from the 6th and to Hyderabad from the 10th. It advanced northwards to the coasts of Guzerat and Cutch on the 8th, but it was more or less unsteady and feeble during the month in that area and gave light intermittent rain. Its extension across Rajputana did not take place fully until the 16th and 17th; the rainfall due to this advance was not large, and was very irregularly and more or less partially distributed. The above remarks shew briefly the general characteristics of the two branches of the monsoon current as rain-giving currents during the month.

Occasional showers fell during the month in the Punjab. There were frequent showers between the 1st and 6th, on the 14th and also on the 20th and 21st. The amounts were nowhere large, and falls exceeding one inch only occurred on six occasions at rainfall reporting stations during the month.

The rainfall in Rajputana occurred under similar conditions and chiefly during the same periods as in the Punjab.

In Central India the rains set in feebly on the 7th and general rain was received in the western districts between the 7th and 11th. There were frequent showers in all districts between the 14th and 21st. Rewah received the large amount of 5·94 inches on the 14th. Occasional showers also fell during the last week.

Rain fell under similar conditions and during the same periods in the western districts of the North-Western Provinces as in the Punjab, and the total fall of the month was small in amount. The eastern districts of the North-West Provinces and Oudh obtained larger amounts, as they shared to some extent the general rain which accompanied the two cyclonic storms of the month. The chief periods of rainfall were between the 13th and 16th, and from the 20th to the 24th. Local heavy falls occurred at Nawabganj on the 15th (5·3 inches), at Hardoi on the 14th (4·26 inches), at Basti (3·93 inches), and at Rai Bareli (4·9 inches) on the 15th, and at Ballia on the 21st (3·74 inches) which contributed to give these stations larger rainfall for the month than the average. The most striking case of the local excessive rainfalls, which formed a prominent feature of the month in certain districts of Oudh, was Nawabganj, which received 6·26 inches above the average, or more than twice its normal amount (5·54 inches).

Behar and Chutia Nagpur received occasional showers between the 2nd and 8th. This was followed by a complete break lasting until the 13th, when general rain set in and continued until the 23rd. After that date showers fell at intervals.

The month was one of general and frequent rainfall in Bengal. The heavy precipitation which accompanied and followed the existence of the Balasore cyclone after its passage across the Orissa coast ceased on the 2nd of June. Frequent showers were received until the 8th, when a short break set in over the provinces which lasted until the 13th. This was followed by a powerful advance of humid winds which gave general and heavy rain over the whole of Bengal from the 13th to the 24th. The following are the heaviest rainfalls in 24 hours recorded during the month in Bengal:—

Dewang	19·67	inches on the	1st	June.
Bogra	15·6	,, ,,	1st	,,
Cooch Behar	10·33	,, ,,	15th	,,
Rungpore	9·42	,, ,,	16th	,,
Atia	7·37	,, ,,	1st	,,
Kissengunge	7·04	,, ,,	21st	,,

The heavy rainfall in the beginning of the month was mainly determined to the northern districts of North Bengal and Behar which hence received excessive rain. Light showers fell occasionally during the last week of the month, but the amounts were small, and this period was hence a partial break in the rains over Behar and the greater part of Bengal.

The rainfall of the month was largely in defect in the whole of the Punjab, except the western districts. The deficiency was most marked near the hills and in the southern districts, and was greatest in the Karnal, Rohtak, Sialkot and Gurdaspur districts, where it ranged from two to four inches, *e.g.*—

Stations.	Defect.	Stations.	Defect.
Karnal	3·46 inches.	Rohtak	2·50 inches.
Gurdaspur	3·09 „	Sialkot	2·34 „

Dera Ghazi Khan obtained 2·3 inches in excess and Montgomery 1·36 inches.

In Rajputana there was general deficiency varying from one to two inches in amount. The deficiency was on the whole greatest in the eastern districts. There were one or two remarkable exceptions to the general deficiency, *viz.*, Oodeypore, which obtained an excess of 3·58 inches, Tonk of 1·78 inches, and Banswara of 1·69 inches.

The deficiency was even more strongly marked in Central India than in the Punjab and Rajputana, and varied from one to seven inches in amount. It was greatest in the eastern districts, and more especially at Ramnagar (7·11 inches), Sitlaha (4·6 inches), Sohagpur (4·48 inches), and Goona (4·59 inches).

With a few local exceptions, the rainfall of the month was considerably below the average in the North-West Provinces and Oudh. The districts of Basti, Ghazipur, Ballia, Bara Banki, Hardoi, Rae Bareli and some parts of Rohilkhand had occasional heavy showers which gave a total rainfall in excess of the average by amounts ranging from 1 inch at Rae Bareli to 6·26 inches at Bara Banki. With these exceptions, the rainfall was below the average over the whole of the North-Western Provinces and Oudh. The deficiency was largest in amount and most marked in the hill districts of Kumaon and Garhwal and the western districts of Oudh, including Fyzabad, Sultanpur, Partabgarh, Gonda and Unao, and the Meerut, Muzaffarnagar, Hamirpur, Benares, Allahabad and Mirzapur districts of the North-Western Provinces. In these districts the deficiency ranged between 3 and 5 inches. The deficiency was actually greatest in the following cases:—

Stations.	Defect.	Stations.	Defect.
Naini Tal	8·71 inches.	Mirzapur	4·14 inches.
Gonda	4·37 „	Benares	3·92 „
Unao	4·44 „	Allahabad	3·69 „
Hamirpur	4·16 „		

The rainfall of the month was very irregularly distributed in Bengal and Assam. It was very largely in excess in North Bengal and Assam, and locally in the northern districts of Behar. The following give the more remarkable variations in these areas:—

Division.	Stations.	Actual rainfall, June 1887.	Normal rainfall, June.	Variation (excess).
Assam	Cherra Poonjee	192·23 Inches.	112·75 Inches.	+79·48 Inches.
	Tura	44·78 „	24·71 „	+20·07 „
	Sylhet	62·29 „	32·07 „	+30·22 „
	Shillong	30·64 „	17·65 „	+12·99 „
	Goalpara	36·91 „	24·10 „	+12·81 „
	Silchar	27·90 „	19·38 „	+8·52 „

Division.	Stations.	Actual rainfall, June 1887.	Normal rainfall, June.	Variation (excess).
NORTH BENGAL	Cooch Behar	54·25 Inches.	36·84 Inches.	+17·41 Inches.
	Bogra	24·75 "	15·43 "	+ 9·32 "
	Jalpaiguri	47·42 "	29·08 "	+ 8·34 "
	Dinagepore	24·38 "	17·14 "	+ 7·24 "
	Rungpore	27·93 "	21·34 "	+ 6·59 "
NORTH BEHAR	Motiharee	16·49 "	8·30 "	+ 8·19 "
	Durbhunga	12·74 "	7·92 "	+ 4·82 "
	Mozufferpore	11·27 "	6·84 "	+ 4·43 "

The total rainfall of the month was more or less in defect over the whole of East and South-West Bengal, Chutia Nagpur, South Behar, and Orissa. The deficiency was very marked in East Bengal. The following gives data in illustration :—

Division.	Stations.	Actual rainfall, June 1887.	Average rainfall, June.	Variation.
EAST BENGAL	Cox's Bazar	19·20 Inches.	34·31 Inches.	—15·11 Inches.
	Noakholly	12·96 "	24·15 "	—11·19 "
	Chittagong	15·69 "	23·58 "	— 7·89 "
	Burrisal	9·04 "	16·97 "	— 7·93 "

The following table from the Bengal Meteorological Report for the month shows the general character of the rainfall of the month in that province :—

Divisions.	Average rainfall, June 1887.	Normal average rainfall, June.	Variation.
Orissa	6·00	9·10	—3·10
South-West Bengal	83·4	10·20	—1·86
East Bengal	14·50	18·43	—3·93
North Bengal	23·90	17·21	+6·69
North Behar	11·52	8·51	+3·01
South Behar	4·86	6·91	—2·05
Chutia Nagpur	6·03	8·29	—2·26

In the Central Provinces and Berars the rainfall was below the average in the northern, eastern and western districts, whilst it was considerably above it in the southern and central districts. The following statement illustrates this contrast :—

Stations.	Actual rainfall, June 1887.	Normal rainfall, June.	Variation.
Bhandara	15·64 Inches.	8·67 Inches.	+6·97 Inches.
Chanda	12·10 "	7·74 "	+4·36 "
Seoni	13·72 "	10·17 "	+3·55 "
Yeotmal	11·37 "	7·86 "	+3·51 "
Wun	10·32 "	6·76 "	+3·56 "
Sambalpur	6·65 "	12·75 "	—6·10 "
Chhindwara	5·58 "	9·80 "	—4·22 "

In Hyderabad the rainfall was on the whole normal in amount, slight deficiency in one district accompanying moderate excess in another.

In Bombay, the rainfall was very largely in excess in the coast districts south of Surat

and in Guzerat, but was generally in defect in the Bombay Deccan, Cutch and Sind. The following statement shows the amount of the variations :—

Coast Districts South of Surat—	Excess.	Bombay Deccan Guzerat, Cutch and Sind—	Defect.
Vingurla	+26·66 Inches.	Ahmednagar	—3·22 Inches.
Karwar	+19·48 „	Poona	—1·56 „
Goa	+20·31 „	Sholapur	—0·77 „
Ratnagiri	+13·74 „	Dharwar	—0·33 „
Matheran	+10·62 „	Bijapur	—1·09 „
Broach	+ 5·81 „	Rajkot	—3·03 „
Mahableshwar	+14·9 „	Hyderabad	—0·38 „
Baura	+17·25 „	Umarkot	—0·91 „
Kaira	+ 8·77 „		
Ahmedabad	+ 3·45 „		

The whole of Madras and Mysore, with a few local exceptions, received favourable rain. The excess varied very largely in different parts and was largest in the Malabar coast districts.

The following gives examples illustrating the general character of the excess in Southern India :—

Stations.	Excess.	Stations.	Excess.
Tellicherry	17·40 Inches.	Salem	1·60 Inches.
Mangalore	14·17 „	Conjeveram	2·66 „
Calicut	11·26 „	Cuddapah	3·09 „
Cochin	9·28 „	Kurnool	1·30 „
Cannanore	9·12 „	Cocanada	4·59 „
Trichinopoly	2·00 „	Bimlipatam	3·19 „

The Bay Islands received more abundant rain than usual. In Burma there was a large and general deficiency which was greatest in Arakan and Tenasserim. The defect at Akyab amounted to 36·75 inches, at Sandoway to 15·24 inches, at Tavoy to 11·08 inches, at Thayetmyo to 5·30 inches, and at Prome to 4·67 inches.

The following table summarizes the chief features of the rainfall of June :—

Districts.	Normal average rainfall of June.	Actual average in June 1887.	Excess or defect.	Excess or defect expressed as a percentage.
	Inches.	Inches.	Inches.	
Western Himalayas	5·60	3·27	— 2·33	—42
Punjab Plains	2·06	1·26	— 0·80	—39
North-Western Provinces and Oudh	4·72	3·66	— 1·06	—22
Rajputana	2·84	1·90	— 0·94	—33
Central India States	6·16	4·47	— 1·69	—27
Behar	6·50	7·14	+ 0·64	+10
Western Bengal and Chutia Nagpur	8·18	5·75	— 2·43	—30
Lower Bengal	12·60	12·45	— 0·15	— 1
Eastern Himalayas	27·04	27·51	+ 0·47	+ 2
Assam and Eastern Bengal	24·02	32·90	+ 8·88	+37
Orissa and Northern Circars	7·83	7·90	+ 0·07	+ 1
Central Provinces, South	9·03	9·20	+ 0·17	+ 2
Berar and Khandesh	7·20	8·30	+ 1·10	+15
Guzerat	4·53	6·72	+ 2·19	+48

Districts.	Normal average rainfall of June.	Actual average in June 1887.	Excess or defect.	Excess or defect expressed as a percentage.
	Inches.	Inches.	Inches.	
Sind and Cutch	0·75	0·57	— 0·18	—24
North Deccan	5·07	4·83	—0·24	— 5
Konkan and Ghâts	33·14	44·32	+11·18	+34
Malabar and Ghâts	31·22	39·80	+ 8·58	+27
Hyderabad	5·22	5·53	+ 0·31	+ 6
Ceded Districts and Mysore	3·06	3·88	+ 0·82	+27
Carnatic	1·84	2·72	+ 0·88	+48
Nilgiris	3·61	4·07	+ 0·46	+13
Ceylon	5·88	6·58	+ 0·70	+12
Arakan	34·11	23·30	—10·81	—32
Pegu	14·50	11·76	— 2·74	—19
Tenasserim	34·29	27·30	— 6·99	—21
Bay Islands	15·71	21·34	+ 5·63	+36

July.—During the month of July the Bombay current prevailed with more than usual steadiness. It gave excessive rain over the Central Provinces, and an area extending across Rajputana from the eastern flank of the Aravallis to the Delhi, Rohtak, Gurgaon, Aligarh, Agra and Muttra districts of Upper India, in which the conditions appear to have been very favourable for almost continuous and steady precipitation. The West Punjab and Sind received, in consequence of these conditions, even less rain than usual, and the rainfall in the East Punjab was almost entirely due to more or less local showers at frequent intervals which gave moderate rain.

The Bengal current was somewhat unsteady, apparently due to abnormal conditions in the north-east of the Bay, where, according to the reports of captains of vessels, excessively heavy and unusual rain was received. Hence Burma, Bengal and Assam received less rain during the month than usual. A large proportion of the rainfall on land due to the Bengal current was precipitated during three cyclonic storms which occurred during the month. The first of these apparently originated near the Aracan coast on the 1st of July. The extracts from the logs of vessels received by the Calcutta Office are unfortunately too meagre to allow its character and line of march to be determined until the 5th when its centre was in Lat. 20° N. and Long. 88° E. The storm moved very slowly to the north-west during the 5th and 6th, increasing in intensity, and crossed the Orissa coast on the 6th. It marched across Chutia Nagpur into the North-West Provinces, and finally broke up in Rohilkhand on the 10th. It gave a heavy burst of rain to Orissa, South-West Bengal, Chutia Nagpur, Behar and the North-West Provinces from the 6th to the 11th. Its disappearance coincided with the commencement of another storm which formed over the land instead of at sea, as storms occasionally do in the height of the monsoon. The first indications of this depression were shown on the afternoon of the 9th. On the morning of the 10th a well defined circulation, the centre of which was near Berhampore in West Bengal, was in existence and marching slowly W.N.W. It continued to advance in the same direction through Chutia Nagpur and Bundelkhand and passed into East Rajputana, where it broke up on the evening of the 13th. This storm gave heavy rain to Bengal, Behar, the North-West Provinces and East Rajputana.

A third storm began to form in Bengal, whilst the previous storm was breaking up in East Rajputana. It originated in East Bengal apparently on the evening of the 11th. It was well defined at 10 A.M. of the 12th, when the centre was a little to the south of Dacca. Pressure had risen rapidly in Behar and the North-West Provinces after the passage of the previous storm. This seems to have been the main factor in determining the third storm to march by a somewhat different and more southerly course than the previous. It advanced through South-West Bengal on the 13th and the Central Provinces on the 14th and 15th into Central India, and perhaps Guzerat, where it broke up on the morning of the 16th. It gave moderate general rain to Bengal, and a very heavy downpour in the Central Provinces and Central India.

A partial break in the rains obtained for some days after the disappearance of the third depression, and during the remainder of the month the Bengal current was somewhat weak, and gave frequent local showers chiefly in North-Eastern India, general rain extending over large areas.

In the Punjab rain fell almost daily at the hill stations. The pressure conditions in the Punjab plains were such as usually obtain in a favourable monsoon. The rains set in generally over the Punjab in the middle of June, but they were intermittent and feeble during the whole of July. The chief periods of rainfall were the 4th to the 6th, the 10th and 11th, the 20th and 21st, and the 25th to the 27th. The rainfall of the month was much below the average, except locally at Bannu, Dera Ismail Khan and Rawalpindi, and in the districts of Delhi, Rhotak, Gurgaon and Karnal, which formed part of an area of excessive precipitation throughout the whole of the rains of 1887. The deficiency was greatest in the Sialkot, Amritsar, Ferozepore, Lahore and Jhelum districts, where barely 50 per cent. of the normal rainfall of the month was received.

In Rajputana the month was one of almost steady and moderate to heavy rainfall in the southern, central and eastern districts. There was a short break from the 18th to the 21st. Rain fell in Marwar between the 3rd and 7th, between the 14th and 19th, and during the last week of the month. The month was almost rainless in Jeysulmere and Bickaneer, the former receiving 1·66 inches and the latter only 1·24 inches. The total rainfall of the month was above the average in the whole of Rajputana except Jeysulmere, Bickaneer and the greater part of Marwar, and was excessive in the area represented by the following stations:—

	Actual rainfall, July 1887.	Average rainfall, July.	Excess.
	Inches.	Inches.	Inches.
Tonk	27·21	10·51	16·70
Mount Abû	42·65	22·91	19·74
Kerowlee	23·02	11·73	11·29
Ulwur	19·42	9·72	9·70
Jeypore	17·33	9·45	7·88
Bhurtpore	15·88	9·18	6·70

This area of excessive rainfall, which formed one of the more prominent features of the rains of 1887, stretched from the Aravallis across the Native States of Tonk, Jeypore,

and Ulwur, to the adjacent districts of the Punjab and the North-West Provinces from Rohtak to Agra. The following gives the excess at several stations included in this area of abnormally heavy rainfall in the North-West Provinces and the Punjab :—

	Actual rainfall, July 1887.	Average rainfall, July.	Excess.
	Inches.	Inches.	Inches.
Karnal	16·50	9·82	6·68
Rohtak	10·45	6·02	4·43
Delhi	12·92	8·62	4·30
Gurgaon	12·40	8·97	3·43
Agra	19·61	10·04	9·57
Aligarh	14·15	9·43	4·72

Rain also fell steadily throughout the month in Central India. The rainfall was not only steadier and less intermittent than usual, but some exceptionally heavy rainfalls occurred, of which the following were the most noteworthy :—

Chandia (Rewah)	10·57 inches	on the	29th.
Nowgong (Bundelkhand)	7·54 „	„	12th.
„	6·35 „	„	29th.
Nagode	6·00 „	„	10th.

The rainfall of the month was hence largely above the average, more especially in the eastern districts, *e.g.*—

	Actual rainfall, July 1887.	Average rainfall, July.	Excess.
Chandia	34·61	21·53	13·08 inches.
Maihar	29·97	16·82	13·15 „
Nowgong	27·11	15·90	11·21 „

In the North-West Provinces and Oudh, fairly abundant and general rain fell between the 1st and 13th. A well marked break ensued until the 20th when rain recommenced, and continued during the remainder of the month, but in smaller amounts than during the first fortnight. Heavy and general rain fell on the 29th and 30th throughout the whole Province. The rainfall of the month was distributed somewhat irregularly. There was a general excess in the western and southern districts bordering on Rajputana, which was greatest in the districts of Agra, Aligarh and Muttra. The rainfall was deficient over the whole of Oudh with one or two remarkable exceptions, and also in the districts of Basti, Gorakhpur, Benares and Ballia to the east of Oudh. Bara Banki in Oudh received the excessive amount of 34·7 inches or 23·15 inches above its normal rainfall (11·55 inches), and Partabgarh a moderate surplus. The rains were especially scanty in the Kheri, Sitapur and Bahraich districts of Oudh. Bahraich had only seven rainy days and 6·7 inches of rain, whilst Sitapur had eight, but with only 4·06 inches of rain (the normal rainfall of July being 11·28 inches).

In Behar, Chutia Nagpur, Bengal, Orissa and Assam, the rains of July, although much lighter than usual, were fairly continuous during the month. The break in the middle of the month was less marked in Behar than in the North-West Provinces, and was a period of light showers in Bengal and Assam. The chief feature of the rains in this area was the great deficiency in Assam and the northern districts of Bengal, which was mainly due to the unusual lightness of the showers. Thus Cherra Poonjée received only 38·03 inches or 79·84 inches less than its average amount, and Jalpaiguri 12·94 inches or 12·61 inches less, and Baxa 33·87 inches or 14·06 inches less.

The rainfall of the month was in defect over the whole of Behar (with the exception of the Sonthal Pargunnahs), the greater part of Orissa and Chutia Nagpur and the whole of Assam and Bengal, with the exception of the 24-Pergunnahs, Midnapore, Moorshedabad and Howrah. The deficiency was greatest absolutely and relatively in Assam, East and North Bengal and the western and northern districts of Behar.

The following tabular statement from the Bengal Meteorological Report for the month of July shows the general distribution of the rainfall throughout that Province, and the amount of the deficiency in North Bengal and North Behar:—

Divisions.	Average rainfall, July 1887.	Normal average, July.	Variation.
	Inches.	Inches.	Inches.
Orissa	11·53	12·66	−1·13
South-West Bengal	12·34	11·95	+0·39
East Bengal	13·32	16·60	−3·28
North Bengal	9·13	14·45	−5·32
North Behar	7·52	12·69	−5·17
South Behar	10·05	12·18	−2·13
Chutia Nagpur	12·37	13·24	−0·87

The Central Provinces and Berars received almost continuous and excessive rainfall during the month. At several stations rain was registered on 28 or 29 days during the month. Excessive amounts were also registered in many cases, of which the following are some of the most noteworthy:—

Jubbulpore	6·33	inches on the	28th July.
	9·27	„ „	29th „
Chanda	7·53	„ „	14th „
	4·79	„ „	15th „
Brahmapuri	6·54	„ „	14th „
	10·82	„ „	15th „
Bhandara	11·71	„ „	14th „
Makhla	6·00	„ „	14th „
	8·75	„ „	15th „
Chikalda	6·02	„ „	14th „
	8·52	„ „	15th „
Yeotmal	7·83	„ „	14th „
	5·15	„ „	15th „

The rainfall was hence very largely in excess. The following gives the most remarkable examples :—

	Actual rainfall, July 1887.	Average rainfall, July.	Excess.
	Inches.	Inches.	Inches.
Jubbulpore	40·57	19·13	21·44
Seoni	33·71	15·63	18·08
Brahmapuri	40·03	19·69	20·34
Chikalda	43·59	19·31	24·28
Makhla	45·12	23·69	21·43

Hyderabad received frequent showers between the 1st and 16th. A short break preceded a second period of occasional rain. The rainfall of the month varied slightly from the normal and was on the whole above the average.

The month was one of almost continuous rain in Bombay except in some parts of the Deccan, Cutch and Sind, where occasional showers fell at intervals. The rainfall of the month was deficient to a moderate extent at the west coast stations. It was excessive on the Ghâts. Mahableshwar received 18·16 inches above the average, Lanauli 15·53 inches, and Igatpuri 33·81 inches. There was a largish excess in all the Deccan districts with the exception of Bijapur, and also in Guzerat and Cutch, and a general deficiency in Sind, where little more than half the small normal fall of the month was received.

In the northern districts of Madras, more especially Ganjam and the Circars, frequent rain was received during the month, and the rainfall was in moderate excess. Over the whole of Madras to the south of Nellore, with the exception of the west or Malabar coast districts, there was little rain, and hence a general deficiency varying from one to three inches in amount. The Malabar coast received daily rain, but the total fall of the month was generally below the average. The deficiency was not large, except at Mangalore (10·17 inches) and Cochin (8·79 inches).

A larger portion of the Bay of Bengal current appears to have passed into Burma during the month of July than usual in that month. Rain fell daily in the coast districts and frequent showers in the interior. Some heavy daily rainfalls, exceeding 9 inches in amount, were received at Kyaukpyu, Sandoway and Shwegyin. The rainfall was excessive in every district, but was due rather to more frequent than to heavier showers than usual. The more remarkable variations from the normal fall were :—

	Actual rainfall, July 1887.	Average rainfall, July.	Excess.
	Inches.	Inches.	Inches.
Kyaukpyu	80·70	47·92	32·78
Sandoway	91·85	61·50	30·35
Moulmein	66·78	44·48	22·30
Shwegyin	47·32	34·47	12·85

The following table summarizes the chief features of the rainfall of July:—

Districts.	Normal average rainfall of July.	Actual average in July 1887.	Excess or defect.	Excess or defect expressed as a percentage.
	Inches.	Inches.	Inches.	
Western Himalayas	13·99	13·64	—0·35	— 3
Punjab Plains	6·35	5·38	—0·97	—15
North-Western Provinces and Oudh	11·73	11·96	+0·23	+ 2
Rajputana	8·68	11·75	+3·07	+35
Central India States	14·87	20·55	+5·68	+38
Behar	11·51	8·39	—3·12	—27
Western Bengal and Chutia Nagpur	13·06	13·47	+0·41	+ 3
Lower Bengal	12·97	11·31	—1·66	—13
Eastern Himalayas	27·73	21·16	—6·57	—24
Assam and Eastern Bengal	22·75	12·63	—10·12	—44
Orissa and Northern Circars	11·61	11·89	+0·28	+ 2
Central Provinces, South	16·46	23·58	+7·12	+43
Berar and Khandesh	10·38	18·38	+8·00	+77
Guzerat	12·92	16·66	+3·74	+29
Sind and Cutch	3·39	2·07	—1·32	—39
North Deccan	6·27	8·28	+2·01	+32
Konkan and Ghâts	52·30	57·07	+4·77	+ 9
Malabar and Ghâts	31·91	28·52	—2·39	— 7
Hyderabad	6·95	6·62	—0·33	— 5
Ceded Districts and Mysore	3·54	3·12	—0·42	—12
Carnatic	2·36	1·34	—1·02	—43
Nilgiris	3·03	1·49	—1·54	—51
Ceylon	4·20	2·51	—1·69	—40
Arakan	36·99	45·28	+8·29	+22
Pegu	17·26	20·52	+3·26	+19
Tenasserim	39·29	50·41	+11·12	+28
Bay Islands	14·81	17·31	+2·50	+17

August.—The Bombay current in this, as in the preceding month, blew with unusual steadiness. It was mainly determined by the peculiar conditions and abnormal features of the pressure distribution to the same areas as in the preceding month, *viz.*, the Central Provinces, and the area stretching from the Aravallis to the Cis-Sutlej districts of the Punjab and the north-western districts of the North-West Provinces. It also extended its influence in the Punjab during the month, and it was in part due to this and in part to the increased strength of the current from the Bay of Bengal that the whole of the Punjab, with the exception of the western districts, received heavy and almost daily rainfall. The Bengal current blew more strongly and steadily than during the preceding month, but the same

abnormal conditions, which had weakened its force, and diminished the accompanying rainfall in North-Eastern India during the month of July, were apparently still present. It was more largely deflected up the Gangetic Valley than usual, and hence Assam, East and North Bengal received less than their normal amount of rain, whilst the rainfall of the month in West Bengal, Chutia Nagpur and the North-West Provinces was abundant and well distributed. The increased strength and steadiness of the current was also shown by the almost entire absence of small cyclonic storms in the Bay. Only two appear to have formed during the month. The first originated on the 16th further to the south than is usual in August, in Lat. 17½° N. and Long. 87° E. It marched to the W. N. W. crossed the Ganjam coast on the 19th, and passed into the eastern districts of the Central Provinces, where it broke up on the afternoon of the 20th. It gave a moderately heavy burst of rain to Orissa, Ganjam, the Circars and the eastern districts of the Central Provinces. It was, however, a much feebler storm than those of the preceding month.

The second storm was a larger and more influential one. It formed in the north-west angle of the Bay on the 20th and 21st, advanced across the North Orissa coast on the morning of the 22nd, and passed rapidly through Chutia Nagpur on the afternoon and evening of the 22nd. It marched through Bundelkhand and South-East Rajputana on the 23rd, 24th and 25th, and broke up on the afternoon of the 26th in the Jeypore territory. This storm gave heavy localized rain to the districts over which it advanced, and brought up general rain to Behar and the North-West Provinces for several days.

Both branches of the monsoon current blew more strongly in August than during any other month of the monsoon of 1887, and the Punjab in consequence received very heavy rain. The largest part of it fell during two periods, *viz.*, from the 1st to the 7th or 8th and from the 10th to the 15th. Frequent showers occurred during the latter half of the month, more especially in the south-eastern districts. There were some very heavy falls in the eastern districts on the 12th and 13th, amongst which the following may be noted:—Dhariwal 8·5 inches on the 12th, and Gurdaspur 8·09 inches and Hoshiarpur 7·25 inches on the 13th. The month was exceptionally rainy in the Delhi, Hissar, Rohtak, and Gurgaon districts. Thus at Delhi rain was recorded on 24 days, the largest amount registered on any one day being 3·96 inches. The total rainfall of the month was in excess over the whole of the Punjab, except the Indus Valley or western districts. The excess varied from 2·3 inches at Jhang and 2·2 inches at Rawalpindi to 12·45 inches at Gurdaspur, 11·21 inches at Rohtak, and 10·18 inches at Delhi. In the eastern districts north of the Sutlej, the excess was mainly due to heavy down-pours on a few occasions, whereas in the Delhi, Rohtak and neighbouring districts it was caused by almost continuous daily rainfall.

There was almost daily rain in the eastern, central and southern districts of Rajputana. Jodhpore, Jeysulmere and Bickaneer received occasional showers, but the rainfall was very limited compared with that which fell to the east of the Aravallis. The rainfall of the month was in excess except in Jodhpore, Bickaneer and Jeysulmere, the excess increasing eastwards from the Aravallis to Ulwur, and was nearly as large in the Rohtak, Delhi, Aligarh, Agra and Jhansi districts of the Punjab and North-West Provinces, as in Jeypore and Ulwur. It was due chiefly to moderate daily rain, and not to occasional excessive falls, such as accompany the passage of small cyclonic vortices. Thus at Mount Abu rain was measured on 29 days, at Tonk on 25 days, and at Jeypore on 24 days. The most prominent feature in the rainfall of the month in Upper India was

hence the excessive amounts received in the belt of country stretching from Rohtak, Delhi and Agra across Ulwur, Jeypore and Tonk to the eastern base of the Aravallis. All the reporting stations in this area received from two to three times the normal amount of the month. The following gives rainfall data of the more important stations in this area for the month of August :—

Stations.	Actual rainfall, August 1887.	Average rainfall, August.	Excess.
	Inches.	Inches.	Inches.
Rohtak	16·60	5·39	11·21
Delhi	17·39	7·21	10·18
Aligarh	17·64	7·26	10·38
Muttra	15·20	6·85	8·35
Agra	12·82	6·82	6·00
Ulwur	24·71	9·00	15·71
Jeypore	20·54	6·81	13·73
Tonk	21·24	9·93	11·31
Kotah	16·64	9·40	7·24
Mount Abu	30·99	22·84	8·15

The excess diminished rapidly in amount to the north and south of this area in Rajputana. For example, at Oodeypore it was only 2·78 inches.

There was in Central India as over South and East Rajputana unusually steady and almost daily rain. The rainfall of the month was above the average, except at Bhopal, Indore and Rutlam, where there was a slight deficiency. The excess was greatest at Chandia in Rewah (11·61 inches), Morar (10·07 inches) and Neemuch (8·58 inches). It was only 1·28 inches at Sutna, ·9 inch at Sohagpur, and hence diminished in amount southwards and eastwards.

In the North-West Provinces heavy general rain fell daily until the 16th or 17th. This was followed by a short break of two or three days. During the remainder of the month frequent showers were recorded. Rain was received on 29 days at Mussooree, on 25 days at Gorakhpur, on 24 days at Lucknow and at Benares, on 21 days at Cawnpore, and on 20 days at Agra. Rainfalls exceeding five inches were registered in eight cases only during the month on the plains, *viz.*:—

Farrukhabad	5·85	inches on the	9th	August.
Mirzapur	5·13	,, ,,	10th	,,
Fyzabad	6·40	,, ,,	17th	,,
Lucknow	5·41	,, ,,	9th	,,
Kheri	5·89	,, ,,	6th	,,
Robertsganj	6·29	,, ,,	2nd	,,
,,	7·60	,, ,,	8th	,,
Allahabad	6·91	,, ,,	9th	,,

Of the hill stations Mussooree was the only one which received excessive rainfall comparable to that in the adjacent plain districts of Upper India. It received amounts of 9 inches or upwards on three days of the month, *viz.*, the 21st, 22nd and 28th, and a total of 57·58 inches,—nearly three times as much as fell at the station of Chakrata (22·86 inches), which is only about 20 miles to the westward and almost similarly situated with respect to the plains. The rainfall of the month was above the average over the whole of the

North-Western Provinces except locally at Roorkee, Gorakhpur and Ballia. The excess was greatest in the districts bordering on Rajputana and in the Gangetic Doab and Oudh, more especially the north-eastern districts. The following gives data for those stations at which the rainfall was more than 10 inches in excess, and which were hence the centres of heaviest rainfall during the month:—

Stations.	Actual rainfall, August 1887.	Average rainfall, August.	Excess.
	Inches.	Inches.	Inches.
Oudh—			
Kheri	28·00	11·57	16·43
Fyzabad	26·73	11·14	15·59
Sultanpur	23·84	11·00	12·84
N.-W. Provinces—			
Robertsganj	24·08	11·41	12·67
Fatehpur	20·58	9·09	11·49
Aligarh	17·64	7·26	10·38
Mussooree	57·58	30·95	26·63

In Behar, Chutia Nagpur, Orissa, Bengal and Assam there were two periods of rainfall. The first lasted from the 1st to the 12th in Bengal, Orissa and Chutia Nagpur, and from the 1st to the 15th in Behar, and the second from the 15th to the end of the month in Bengal and Orissa, and from the 20th to the 28th in Behar and Chutia Nagpur. The break in the middle of the month accompanied the formation of the only important cyclonic storm of the month (briefly described in page 226). The number of rainy days was quite up to the average in all districts, but the rainfalls were unusually light, and hence the total rainfall of the month was almost universally in defect. The only important exceptions were the southern districts of Chutia Nagpur bordering on the Central Provinces, and the Rungpore, Dinagepore and Jalpaiguri districts of Bengal. The defect was not very large nor important, as the rainfall was well distributed over the month. The following table shows the average variation in the different divisions of Bengal and in Assam:—

Divisions.	Average rainfall, August 1887.	Normal average, August.	Variation.
	Inches.	Inches.	Inches.
Orissa	9·38	11·30	—1·92
South-West Bengal	9·86	12·93	—3·07
East Bengal	11·71	16·16	—4·45
North Bengal	13·74	14·17	—0·43
North Behar	12·79	11·52	+1·27
South Behar	9·44	11·42	—1·98
Chutia Nagpur	11·96	13·31	—1·35
Assam	15·21	16·97	—1·76

The Central Provinces and Berars received excessive rain during the month, due rather to almost incessant moderate rain than to heavy cyclonic down-pours. At many stations rain fell on 25 days or upwards. Only on four occasions during the month were rainfalls exceeding 5 inches in 24 hours recorded, *viz.*:—

Brahmapuri	7·63	inches on the	20th.
Raigarh	6·52	„ „	12th.
Seoni	5·08	„ „	8th.
Bhandara	5·15	„ „	19th.

The centres of heaviest rainfall in which the excess was greater than 10 inches were:—

Balaghât	10·12	inches in excess.
Mandla	11·73	„ „
Saragaon	10·80	„ „
Bhandara	10·09	„ „

These stations are all situated in the eastern districts of the province. The excess diminished rapidly westwards, so that in the Berars the rainfall of the month was either normal or very slightly in excess.

In the Bombay coast districts and the West Ghâts rain fell on every day of the month, generally as light to moderate showers. In the Deccan districts light occasional showers were received, as also in Cutch, Kathiawar and Guzerat. Sind obtained some showers, chiefly on the 12th and 13th. The month was unusually dry in all parts of the Bombay Presidency except in the coast and hill districts. In Cutch, Guzerat, and the greater part of the Deccan, barely half the normal rainfall of the month was recorded. The following rainfall data of typical stations situated in different parts of the Presidency show the character and distribution of the rainfall of the month in that area:—

Stations.	Actual rainfall, August 1887.	Average rainfall, August.	Defect.
	Inches.	Inches.	Inches.
Honawar	16·73	26·99	10·26
Igatpuri	4·81	32·61	27·80
Baura	44·23	58·86	14·63
Belgaum	2·06	8·85	6·79
Surat	5·48	9·66	4·18
Ahmedabad	4·96	8·56	3·60
Rajkot	4·23	6·60	2·37
Manakwara	2·62	5·29	2·67
Bhuj	0·60	3·52	2·92
Hyderabad	1·72	3·13	1·41

There were two or three cases of local excess, the only remarkable one being Sholapur which received 7·54 inches more rain than usual.

Hyderabad obtained frequent showers during the month, and the rainfall was, on the whole, slightly in excess of the normal amount, a moderate deficiency in one district being compensated by excess in another.

Frequent showers occurred in every part of the Madras Presidency. The period of most general rain was from the 12th to the 19th. The variations from the normal were somewhat irregular in the eastern and southern districts, but the rainfall was very generally in excess. For example, Gooty received 6·19 inches above its average, Madras 4·19 inches, Trichinopoly 4·35 inches, Salem 2·36 inches and Madura ·46 inch. The rainfall was on the other hand very largely in defect on the west coast in Malabar and Travancore, *e.g.*,—

Stations.	Actual rainfall, August 1887.	Average rainfall, August.	Defect.
	Inches.	Inches.	Inches.
Manantoddy	5·09	16·95	11·86
Cannanore	6·23	17·30	11·07
Calicut	4·05	13·93	9·88
Cochin	5·63	12·19	6·56

Mysore obtained frequent showers which gave it practically its normal amount.

The rainfall in Burma was very generally in defect. The number of rainy days, except in Upper and Central Burma, was as large as usual, but, as in the coast districts of Bombay and in Bengal, the showers were unusually light. The following data illustrate the amount and character of the deficiency in different parts of the province:—

Stations.	Actual rainfall, August 1887.	Average rainfall, August.	Defect.
	Inches.	Inches.	Inches.
Rangoon	12·85	18·30	5·45
Henzada	12·26	16·90	4·64
Prome	5·44	10·52	5·08
Thayetmyo	3·67	8·20	4·53
Moulmein	22·81	42·45	19·64
Mergui	23·04	27·87	4·83

The rainfall of the month was 3·91 inches in excess at Port Blair and 5·28 inches at Nancowry. In Ceylon, amidst considerable variations, the rainfall of the month was on the whole slightly in defect.

The following table summarizes the chief features of the rainfall of August:—

Districts.	Normal average rainfall of August.	Actual average in August 1887.	Excess or defect.	Excess or defect expressed as a percentage.
	Inches.	Inches.	Inches	
Western Himalayas	13·67	16·32	+2·65	+19
Punjab Plains	5·31	9·71	+4·40	+83
North-Western Provinces and Oudh	10·12	15·57	+5·45	+54
Rajputana	7·24	9·62	+2·38	+33
Central India States	11·72	14·22	+2·50	+21

Districts.	Normal average rainfall of August.	Actual average in August 1887.	Excess or defect.	Excess or defect expressed as a percentage.
	Inches.	Inches.	Inches.	Inches.
Behar	10·56	9·50	—1·06	—10
Western Bengal and Chutia Nagpur	13·20	12·65	—0·55	— 4
Lower Bengal	12·66	10·11	—2·55	—20
Eastern Himalayas	26·37	28·27	+1·90	+ 7
Assam and Eastern Bengal	19·77	17·03	—2·74	—14
Orissa and Northern Circars	9·73	9·93	+0·20	+ 2
Central Provinces, South	12·23	17·54	+5·31	+43
Berar and Khandesh	7·97	8·18	+0·21	+ 8
Guzerat	8·37	6·06	—2·31	—28
Sind and Cutch	2·72	1·23	—1·49	—55
North Deccan	4·71	3·47	—1·24	—26
Konkan and Ghâts	32·88	26·91	—5·97	—18
Malabar and Ghâts	17·90	7·81	—9·19	—54
Hyderabad	7·35	8·72	+1·37	+19
Ceded Districts and Mysore	4·40	5·60	+1·20	+27
Carnatic	4·07	4·32	+0·25	+ 6
Nilgiris	4·08	5·22	+1·14	+28
Ceylon	4·41	4·29	—0·12	— 3
Arakan	30·83	27·68	—3·15	—10
Pegu	15·69	12·36	—3·33	—21
Tenasserim	35·99	26·80	—9·19	—26
Bay Islands	13·65	18·25	+4·60	+34

September.—The Bombay current began to weaken in the first week of September. Fairly general rain was received in the Punjab during the first five days of the month, when fine clear weather set in. Rain continued to fall in the Central Provinces, Central India and East Rajputana during the next ten days, when the humid westerly current srtengthened suddenly for a few days (from the 16th to the 20th). It advanced during this period into the Punjab, where it gave a short but very heavy burst of rain (accompanying severe thunderstorms) in the south-east districts (including Ludhiana, Umballa and Amritsar) on the 17th and 18th, after which it retreated very rapidly southwards, and was replaced in Upper India by an advance of light cool north-west winds with clear bright skies, which extended over the whole of Upper and Central India on the 21st, and continued during the remainder of the month. During the last week of the month moderate occasional showers fell on the west coast, and light showers in the Deccan.

Bengal continued to be characterized by the same general features as hitherto. A strong rain-giving current prevailed in the north-east of the Bay, but its continuation in Bengal was light and unsteady. It, however, gave frequent and timely showers during the month in Bengal, Assam, Behar and the North-Western Provinces. Two storms formed during the month which distributed heavy rain to the areas they passed over.

The first was a feeble storm which formed at the head of the Bay on the 9th and 10th, and marched westwards across the Orissa coast on the 11th, and through the central districts of the Central Provinces on the 12th and 13th, and broke up in the Berars on the evening of the 14th.

The second was a small but intense storm which was generated near the Sandheads on the 21st, and drifted slowly northwards across the Sunderbunds into Central and North Bengal, where it broke up on the evening of the 26th and morning of the 27th. It gave a very heavy burst of rain to East and North Bengal from the 23rd to the 27th.

The distribution of the rainfall of the month in each province is given in the following paragraphs.

Moderate general rain fell in the Punjab from the 1st to the 4th or 5th, after which a long break followed, lasting until the 17th. The rains in the Punjab terminated with a series of thunderstorms on the 17th and 18th, which gave heavy rainfall in the Umballa, Ludhiana, Hoshiarpur, Delhi, Rohtak, Hissar, Karnal, and Gurgaon districts. The disturbance passed northwards across the Simla hills to the snows, and gave the first snowfall of the season. The heaviest rainfalls during this period were:—

Umballa	8·69 inches on the 18th.	Ludhiana	1·99 inches on the 18th.
Karnal	6·10 „ „	Simla	2·10 „ „
Hoshiarpur	3·28 „ „		

The following extract from a letter, received from a friend who was travelling at the time in the Simla snows, describes the electrical phenomena of the disturbance at the height of 16,000 feet:—

"When crossing the Drati Pass, and having nearly completed the ascent on the Chamba side, my shikaris, tiffin-cooly and myself were caught in a snow-storm. Presently when we got within about 200 yards of the summit, which is about 16,000 feet, it developed into a thunderstorm. I had a bamboo with a sharp pointed spike for alpenstock, about 6 feet 6 inches altogether in length. With the first flash of lightning (which we could *feel* but not *see*), and whilst the spike of the stick was resting on the ground, a regular flame burst from the upper end of the alpenstock with a sort of "phat." The noise was exactly like the explosion of a small portion of free gunpowder by a lighted match. With each successive flash, the same thing occurred, although the stick was sometimes off the ground and nearly horizontal. The flame always burst from the wooden end of the stick and all round it, like the flame of a lamp with a round wick, and sometimes nearly as long. The three natives were terribly frightened by it, and I was myself rather startled at first. I suppose it must have been the "return shock," but why did I experience no shock, and why did not the pointed and iron end of the stick emit a flame or spark at the same time? The stick kept on fizzling continuously for some little time after the thunder ceased, much to the consternation of the shikaris. We must have been well in the electric field, because we could *feel* rather than *hear* the crackle of the air on both sides, and above us at the same time, and an appreciable time before we heard the thunder."

The rains terminated unusually early over the greater part of the Punjab, and the total rainfall of the month was in moderate defect over the whole of the province except in the area which received heavy rain during the disturbance of the third week of the month. The defect ranged from $\frac{1}{6}$ inch to 3 inches, notwithstanding the heavy rainfall of the first week. There was a large local excess at Umballa (8·5 inches), Karnal (6·81 inches), Rawalpindi (2·77 inches), Hoshiarpur (2·41 inches), and Ludhiana (1·72 inches), chiefly due to the heavy local rain of the 17th and 18th.

In Rajputana heavy showers fell on the 1st, 2nd and 3rd, chiefly in Ulwur and Jeypore, and also from the 13th to the 17th in the eastern and southern districts. The total rainfall was below the average except at Kotah (+1·84 inches), Bhurtpore (+1·7 inches),

Jeypore (+1·13 inches) and Bandikui (+1·30 inches). The deficiency was not large except in the southern and western portions of Rajputana, including Oodeypore, Bickaneer, Jodhpur and Meywar, in which the rains had been throughout the whole season more or less below the normal.

Central India received moderate showers between the 1st and 4th, and heavy general rain from the 12th to 18th. The rains proper terminated in that area on the 19th. The rainfall of the month was rather irregularly distributed, but there was on the whole a moderate excess.

In the North-West Provinces there were two well defined periods of rain separated by an interval of fine weather. The first lasted from the 1st to the 4th, during which moderate showers fell in Oudh and the eastern districts of the North-West Provinces and heavy rain in the western districts, and the second from the 12th to the 19th with a partial break on the 14th and 15th. Etawah received 5·3 inches and Etah 5 inches on the 16th, and Saharanpur 5·3 inches on the 18th. The rainfall of the month was hence generally in excess in the western half of the North-West Provinces and over the west and north-west districts of Oudh. The following contrasts the rainfall in the eastern and western portions of the North-Western Provinces and Oudh:—

Western Districts.	Actual rainfall, September 1887.	Average rainfall, September.	Excess.	Eastern Districts.	Actual rainfall, September 1887.	Average rainfall, September.	Defect.
	Inches.	Inches.	Inches.		Inches.	Inches.	Inches.
Saharanpur	11·20	4·18	7·02	Jalaun	1·40	5·37	3·97
Budaon	13·03	6·19	6·84	Allahabad	2·36	6·62	4·26
Agra	7·93	4·41	3·52	Gorakhpur	3·71	8·70	4·99
Etah	11·20	4·68	6·52	Ghazipur	1·63	7·00	5·37
Etawah	8·09	4·80	3·29	Benares	3·75	6·40	2·65
Jhansi	12·00	5·40	6·60				
Lalitpur	14·93	6·38	8·55				
Kheri	13·42	8·14	5·28	Nawabganj	2·45	8·63	6·18
Fyzabad	11·04	8·04	3·00	Gonda	3·52	8·30	4·78
Bahraich	9·82	7·68	2·14	Hardoi	2·02	5·85	3·83

The rains were unusually light in Bengal during the month. Behar and Chutia Nagpur received moderate general rain between the 1st and 5th, and again between the 11th and 21st when the rains ceased. In Bengal and Assam they continued until the 28th to the 30th of the month, with the exception of a fairly well marked break extending from the 6th to the 10th. The largest amounts were recorded on the 2nd, 3rd and 4th. The following are the heaviest rainfalls of these three days in Assam and Bengal:—

Cherra Poonjee	16·03	3rd	September.
	8·46	4th	"
Maldah	6·49	3rd	"
Jalpaiguri	11·96	4th	"
Baxa	9·22	4th	"
	5·16	2nd	"

The rainfall of the month was, with one or two local exceptions, everywhere below the average. The deficiency was greatest in East Bengal and Orissa. The following

statement extracted from the Bengal Report for the month shows the average amount of the deficiency in different parts of the province:—

Divisions.	Average rainfall, September 1887.	Normal average, September.	Variation.
	Inches.	Inches.	Inches.
Orissa	6·32	10·81	—4·49
South-West Bengal	8·02	9·13	—1·11
East Bengal	7·37	12·58	—5·21
North Bengal	12·01	13·67	—1·66
North Behar	7·48	10·00	—2·52
South Behar	6·38	8·09	—1·71
Chutia Nagpur	6·35	8·91	—2·56

In the Central Provinces and Berars showers, in many cases heavy, fell almost daily from the 1st until the 19th when the rains ceased. The termination of the rains in the Central Provinces, properly speaking, dates from the 19th of September, although they received rain in October and November, due to the passage of north-east monsoon depressions and cyclonic storms across the Peninsula. The rainfall in the Central Provinces was in excess except in the Chanda and Sironcha districts. It was in defect in the southern districts of the Berars. The excess in the remaining districts of this area was not large except at Chhindwara (3·95 inches), and at the hill stations of Chikalda and Makhla.

Hyderabad received frequent showers between the 1st and 14th, and occasional showers during the remainder of the month. The total rainfall was in moderate defect except in the north-western districts bordering on the Berars and the Bombay Deccan (where there was a largish deficiency varying from two to five inches in amount).

The month was almost rainless in Sind, Cutch and Kathiawar. Some showers fell in Guzerat and Surat during the first week, but the month was unusually dry over the whole of North Bombay. In the coast districts from Tanna southwards, and also in the Deccan districts, general rain was received until the 12th. Frequent showers fell in the coast districts from that date until the 22nd, and moderate rain in the Deccan districts and Ghâts from the 26th to the 30th. The rainfall of the month was in defect in North Bombay, and in excess in South Bombay, more especially the Colaba and Kanara coast districts and the Dharwar and Sholapur districts in the Deccan. The deficiency was most serious in Guzerat, Kattiawar and Cutch. The following gives data for several representative stations:—

	Actual rainfall, September 1887.	Average rainfall, September.	Defect.
	Inches.	Inches.	Inches.
Hyderabad	0	0·77	0·77
Bhuj	0	2·30	2·30
Rajkot	2·15	4·16	2·01
Ahmedabad	0·14	4·17	4·03
Broach	1·98	6·98	5·00

	Actual rainfall, September 1887.	Average rainfall, September.	Excess.
	Inches.	Inches.	Inches.
Surat	1·36	7·01	5·65
Tanna	7·70	12·66	4·96
Ahmednagar	4·48	6·79	2·31
Malegaon	2·87	6·21	3·34
Colaba	18·23	10·89	7·34
Ratnagiri	21·85	13·12	8·73
Baura	38·76	34·84	3·92
Kolhapur	5·50	4·03	1·47
Sholapur	10·15	7·55	2·60

In Madras there were frequent showers until the 9th, 10th or 11th in the eastern and southern districts, and until the 14th or 15th in Malabar and Travancore, after which there was a break lasting for upwards of a week. The Circars and Ganjam received some heavy showers on the 19th, 20th and 21st. Rain fell in moderate amounts in the Carnatic and Coromandel coast districts from the 23rd to the end of the month. This was apparently due to an early and temporary invasion of what is usually called the north-east monsoon in Southern India. The variations of the rainfall of the month were somewhat irregular. It was in moderate defect in Ganjam and the Circars. Over the greater part of the Carnatic and the North Coromandel coast districts there was a general excess, greatest at Gooty (5·31 inches), Arcot (4·7 inches), Conjeveram (4·24 inches), and Cuddalore (2·95 inches). In the southern districts and Malabar there was a moderate defect which exceeded three inches at four stations, *viz.*, Trichinopoly, Tirupatur, Hosur and Atur. Mysore received daily rain until the 12th, and the variations from the normal were, as in August, small in amount and almost compensatory in character.

In Lower Burma and Aracan rain continued steadily until the 25th, and daily showers fell in almost all parts of the province. Some local showers were also received during the last week of the month, especially on the 28th. The rains ceased on the 30th after which little or no rain was obtained until the end of December, when a few thunder-showers passed over South Burma. The rainfall of the month was above the average with one or two exceptions. The excess was as marked in the interior as in the coast districts, and averaged 15 per cent. for the province of Lower Burma.

The following table summarizes the chief features of the rainfall of September:—

Districts.	Normal average rainfall of September.	Actual average in September 1887.	Excess or defect.	Excess or defect expressed as a percentage.
	Inches.	Inches.	Inches.	
Western Himalayas	5·32	4·95	—0·37	— 7
Punjab Plains	2·43	2·43	0	0
North-Western Provinces and Oudh	6·40	6·05	—0·35	— 5
Rajputana	3·57	1·60	—1·97	—55

Districts.	Normal average rainfall of September.	Actual average in September 1887.	Excess or defect.	Excess or defect expressed as a percentage.
	Inches.	Inches.	Inches.	
Central India States	6·90	7·74	+0·84	+12
Behar	7·99	6,40	—1·59	—20
Western Bengal and Chutia Nagpur	8·52	6·13	—2·39	—28
Lower Bengal	10·58	8·88	—1·70	—16
Eastern Himalayas	19·22	16·47	—2·75	—14
Assam and Eastern Bengal	15·55	12·85	—2·70	—17
Orissa and Northern Circars	9·27	6·47	—2·80	—30
Central Provinces, South	8·52	8·14	—0·38	— 4
Berar and Khandesh	7·24	7·14	—0·10	— 1
Guzerat	5·91	1·67	—4·24	—72
Sind and Cutch	1·16	0·01	—1·15	—99
North Deccan	4·45	4·51	+0·06	+ 1
Konkan and Ghâts	18·88	19·00	+0·12	+ 1
Malabar and Ghâts	9·15	8·53	—0·62	— 7
Hyderabad	6·76	6·50	—0·26	— 4
Ceded Districts and Mysore	4·79	4·96	+·017	+ 4
Carnatic	4·19	3·85	—·034	— 8
Nilgiris	4·48	2·18	—2·30	—51
Ceylon	4·78	1·81	—2·97	—62
Arakan	18·46	16·31	—2·15	—12
Pegu	12·32	14·21	+1·89	+15
Tenasserim	27·60	30·52	+2·92	+11
Bay Islands	15·16	13·46	—1·70	—11

October.—The weather in India was of a very unusual character during this month. The north-east monsoon set in earlier and with greater strength over the Peninsula than usual, and was very steady throughout, and hence gave abundant rain until the end of December. The rainfall occurred under very similar conditions to that of the south-west monsoon in Northern India, *i.e.*, in intermittent bursts. In the beginning of the month the general disturbance accompanying the first advance of humid rain-giving winds to the Coromandel coast and Carnatic gave rise to a cyclonic storm which passed across the Peninsula to the West Ghâts and recurved first to north and then to north-east and east, and finally passed into the eastern districts of the North-Western Provinces and Behar, where it filled up. It hence not only gave general and irregularly distributed rain to the whole of the Peninsula, but in consequence of its very unusual line of advance in its later stages it furnished greatly needed supplies of rain to the rice crops in Bengal, Behar and the eastern districts of the North-Western Provinces. This disturbance illustrates the extraordinary

combination of meteorological conditions under which rain may occur at critical periods of the growth of the staple crops in India. The disturbance passed away completely on the 16th, and after that date and until the 30th and 31st, little or no rain fell in North-Eastern India (Burma, Bengal, Orissa and Assam). None also fell during the remainder of the month in Upper, North-Western and Central India. Showers fell almost daily over Southern India and the Deccan, and gave moderate but steady and favourable rain.

The only districts in which no rain fell during the month (with the exception of one or two very light showers) were the Punjab, Rajputana and the North-Western Provinces west of Cawnpore.

Central India received heavy rain from the 11th to the 14th. The following were the most remarkable rainfalls:—

Rewah	4·62	inches on the 12th October.	
Ramnagar	3·13	„ „ 13th	„
Sohagpur	3·65	„ „ 14th	„
Sihawal	3·50		

The rainfall of the month was considerably in excess in the eastern and southern portions of Central India.

The eastern districts of the North-Western Provinces and Behar obtained seasonable and heavy rain between the 13th and 15th, and Bengal and Orissa from the 7th to the 15th, the heaviest amounts being recorded on the 12th, 13th, 14th and 15th. Amongst the more noteworthy rainfalls of this period were:—

Date.	Station.	Rainfall.
October 12th	Siliguri	4·60 inches.
Ditto	False Point	6·54 „
October 13th	Ballia	4·40 „
Ditto	Balasore	3·12 „
Ditto	Gopalgunge	4·55 „
Ditto	Bettiah	4·09 „
October 14th	Basti	6·30 „
Ditto	Saugor Island	3·28 „
Ditto	Jehanabad	6·50 „
October 15th	Nettrokona	4·10 „

Assam received fairly general rain during the same period, but the amounts registered were on the whole considerably less than in Bengal and gave a total much below the average rainfall of the month.

Very heavy rain was received in the Berars and Central Provinces during the passage of the cyclonic storm from Khandesh to the eastern districts of the North-Western Provinces in the second week of the month. The following were the most remarkable falls in that area:—

Date.	Station.	Rainfall.
October 12th	Chikalda	3·29 inches.
Ditto	Ellichpur	3·75 „
Ditto	Makhla	3·86 „
October 13th	Betul	5·65 „
Ditto	Makhla	5·05 „
Ditto	Ellichpur	6·23 „
Ditto	Chikalda	5·77 „
Ditto	Akola	4·35 „

Hyderabad received moderate showers during the two periods of disturbance in Southern India, *i.e.*, between the 9th and 14th and between the 23rd and 27th. Bombay obtained abundant and in some cases unusual rain. Moderately heavy showers fell, chiefly in the Deccan, between the 1st and the 5th, and after a break of four days, heavy rain was received in the Kanara and Colaba coast districts as well as in the Deccan, between the 10th to 13th during the passage of the cyclonic storm northwards along the eastern base of the West Ghâts. The following large amounts in 24 hours were recorded during this period :—

Date.	Station.	Rainfall.
October 12th	Baura	8·32 inches.
Ditto	Karwar	4·38 ,,
Ditto	Vingurla	6·60 ,,
October 13th	Baura	4·47 ,,
Ditto	Karwar	4·34 ,,
Ditto	Goa	3·42 ,,

A few showers were also received chiefly in the Bombay Deccan between the 23rd and 29th.

The first burst of the north-east monsoon rains occurred in the Madras coast districts from the 1st to the 14th, in Central and South Madras from the 1st to the 10th, and in North Madras and the Madras Deccan from the 7th to the 14th. A short break followed, until the 17th, after which and until the end of the month frequent heavy showers were received in almost every part of the Presidency. By far the largest amounts fell in the coast districts. The following gives the heaviest daily rainfalls reported during the month :—

Date.	Station.	Rainfall.
October 8th	Vellore	7·00 inches.
Ditto	Arcot	4·85 ,,
October 9th	Conjeveram	9·90 ,,
Ditto	Chingleput	7·50 ,,
Ditto	Saidapet	5·90 ,,
Ditto	Mangalore	5·40 ,,
Ditto	Hosur	4·60 ,,
Ditto	Kollegal	4·50 ,,
Ditto	Madras	4·44 ,,
October 10th	Mangalore	4·30 ,,
October 22nd	Cuddalore	4·20 ,,
October 28th	Chingleput	4·50 ,,
Ditto	Cuddalore	5·00 ,,
October 29th	Cuddalore	9·60 ,,
Ditto	Madras	5·75 ,,
Ditto	Chingleput	4·00 ,,

The rainfall of the month was largely in defect in the Punjab, Rajpûtana and the whole of the North-West Provinces to the west of Cawnpore, in which little or no rain fell.

There was a moderate excess in the eastern districts of the North-Western Provinces, greatest in the Gorakhpur, Basti and Jaunpur districts. In Behar there was also a moderate excess, greatest in the southern districts. Over the greater part of Chutia Nagpur, Bengal, Orissa, Assam and Burma the amounts were below the average, the deficiency

increasing eastwards, and reaching a maximum in East Bengal, Assam, and Burma. The following are examples:—

Province.	Station.	Actual rainfall, October 1887.	Average rainfall, October.	Defect.
		Inches.	Inches.	Inches.
East Bengal	Chittagong	4·11	5·69	1·58
	Noakholly	2·38	7·38	5·00
	Agartalla	3·05	4·73	1·68
	Kishorganj	4·11	5·30	1·19
	Dacca	4·36	5·18	0·82
Assam	Silchar	0·88	6·20	5·32
	Sylhet	3·46	8·14	4·68
	Nowgong	0·18	4·08	3·90
	Goalpara	1·20	4·34	3·14
Burma	Sandoway	3·17	10·55	7·38
	Kyaukpyu	3·23	9·84	6·61
	Akyab	3·85	12·07	8·22
	Rangoon	2·17	7·75	5·58
	Tavoy	4·97	10·27	5·30
	Shwegyin	3·85	9·75	5·90

Over the whole of the Peninsula, with the exception of some parts of Hyderabad and the adjacent districts, including Bellary, Gooty, Ganjam and the Circars, where there was a slight deficiency, there was a large excess which was very marked in the Malabar and the Coromandel coast districts. The following give the most striking cases:—

	Actual rainfall, October 1887.	Average rainfall, October.	Excess.
Honawar	21·27	6·79	14·48 inches.
Vingurla	13·68	4·82	8·86 ,,
Belgaum	11·86	4·91	6·95 ,,
Nellore	26·60	10·56	16·04 ,,
Madras	24·36	10·99	13·37 ,,
Cuddalore	31·27	8·98	22·29 ,,
Chingleput	23·25	7·85	15·40 ,,
Saidapet	25·37	13·16	12·21 ,,
Tada	21·65	9·79	11·86 ,,
Negapatam	19·66	9·24	10·42 ,,
Kumbakonam	15·99	8·57	7·42 ,,
Vellore	14·42	7·20	7·22 ,,
Dindigul	10·71	6·27	4·44 ,,
Tuticorin	5·72	3·74	1·98 ,,
Satur	12·23	6·36	5·87 ,,

The following table summarizes the chief features of the rainfall of October:—

Districts.	Normal average rainfall of October.	Actual average rainfall in October 1887.	Excess or defect.	Excess or defect expressed as a percentage.
	Inches.	Inches.	Inches.	
Western Himalayas	1·02	0·68	—0·34	—33
Punjab Plains	0·41	0·14	—0·27	—66
North-Western Provinces and Oudh	1·41	1·71	+0·30	+21
Rajputana	0·39	0·05	—0·34	—87
Central India States	1·66	2·77	+1·11	+67
Behar	3·21	4·05	+0·84	+26
Western Bengal and Chutia Nagpur	3·24	1·86	—1·38	—43
Lower Bengal	4·74	3·89	—0·85	—18
Eastern Himalayas	5·38	4·56	—0·82	—15
Assam and Eastern Bengal	5·64	2·66	—2·98	—53
Orissa and Northern Circars	5·90	4·68	—1·22	—21
Central Provinces, South	2·13	3·28	+1·15	+54
Berar and Khandesh	2·86	5·45	+2·59	+91
Guzerat	0·92	0·01	—0·91	—99
Sind and Cutch	0·22	...	—0·22	—100
North Deccan	4·87	5·68	+0·81	+17
Konkan and Ghâts	5·02	6·92	+1·90	+38
Malabar and Ghâts	8·23	12·40	+4·17	+51
Hyderabad	3·22	1·93	—1·29	—40
Ceded Districts and Mysore	5·78	6·40	+0·62	+11
Carnatic	7·70	13·20	+5·50	+71
Nilgiris	9·89	10·53	+0·64	+6
Ceylon	9·88	12·25	+2·37	+24
Arakan	8·58	3·36	—5·22	—61
Pegu	6·40	3·30	—3·10	—48
Tenasserim	10·41	6·65	—3·76	—36
Bay Islands	12·54	11·41	—1·13	—9

November.—The normal conditions of the month in Northern and Central India are fine weather and cloudless skies, and the average rainfall is less than half an inch and due to storms of rare and exceptional occurrence. In Southern India the north-east monsoon continues to give rain, and the usual conditions of its occurrence are somewhat similar to those of the south-west monsoon. In other words, an indraught with more or less heavy rain occurs for a few days, and is followed by a decrease in strength of the north-east winds blowing across the coast and by the partial or entire cessation of rain. After an interval of fine weather lasting for several days, the winds again increase, skies cloud over, and a fresh advance of humid winds from the north-east

give more or less heavy general rain. There is during these intervals of fine weather a tendency to the formation of barometric depressions in the Bay. If the actions producing such a depression be prolonged for some days they may originate a large and intense storm and deprive the land area of rain for longish periods during their formation.

The weather of November 1887 is very deserving of study, as it is apparently a typical example of the most favourable north-east monsoon conditions determining abundant and well-distributed rainfall to the Madras coast districts and Southern India generally.

A diffused depression formed in the Bay off the Coromandel coast at the beginning of the month but did not develop to any extent. It passed westwards on the 3rd and 4th and determined a strong set of moist winds which gave steady and daily rain over nearly the whole of the Peninsula until the 12th, when the conditions changed and rain ceased.

One of the more noteworthy features of this slight disturbance was that after it passed across the Peninsula, the indraught of humid winds extended on the 5th to North Bombay, on the 6th to the Central Provinces, Central India and Rajputana, and on the 7th to the southern districts of the North-Western Provinces, and moderate rain fell in all these districts until the morning of the 8th. Light showers fell in Guzerat and South-West Rajputana on the 8th and 9th, after which weather became settled over the whole of Northern and Central India.

A second diffused disturbance and slight depression began to form off the Coromandel coast on the 17th. It was similar to the preceding in its chief features. Showers fell on the 18th and 19th in the north and north-west quadrants during which the disturbance appeared to be almost stationary. It then passed inland and rapidly filled up, but determined a strong influx of moist winds and general rain for some days afterwards over Southern India, Hyderabad, and the Bombay Deccan.

The Central Provinces and Berars received moderate but general rain between the 6th and 9th (except the eastern districts of Sambalpur and Raipur). In the Bombay Deccan and Hyderabad rain fell between the 3rd and the 7th, and in the coast districts south of Surat between the 4th and the 10th or 11th, but the amounts were generally small. The South Deccan and Hyderabad also received light showers between the 20th and 23rd. The Mysore dominions shared in these two bursts of rainfall; the first which gave moderate rain lasted from the 2nd to the 6th, and the second which gave light showers from the 19th to the 22nd.

In Madras steady rain occurred between the 1st and 12th or 13th, which gave favourable and abundant rain to every district. This was followed by a short break lasting until the 19th. Local showers fell between the 19th and 22nd when general rain recommenced in all except the northern districts, and continued until the 27th. The daily rainfall during this period was very general, but not heavy.

The rainfall of the month was in defect over the whole of the Punjab, the North-Western Provinces, Oudh, Bengal (except South-East Bengal) and the greater part of Assam and Rajputana. The Punjab and the greater part of Rajputana were rainless during the month. The south-west districts of Central India (Indore, Bhopal, &c.) received heavy rain from the 6th to the 12th. The districts of Jhansi and Lalitpur in the North-West Provinces had showers on the 7th and 8th during the same disturbance. The month was rainless in all other districts of the North-Western Provinces. No rain fell in Oudh, Behar,

Chutia Nagpur, North and Central Bengal and Assam. Showers were received in the coast districts of Bengal and Orissa from the 1st to 4th. Large amounts were recorded at several stations in East Bengal of which the most noteworthy were :—

Cox's Bazar	10·73 inches on the 2nd.
Noakholly	3·41 " " "
Burrisal	3·34 " " "

The deficiency in the rainfall of November over Bengal was small in amount, as the normal rainfall of the period is small.

There was a moderate excess in the greater part of the Berars and Central Provinces and also in Hyderabad, and a largish excess over the whole of Bombay south of Rajkot due mainly to the rainfall of the first ten days of the month. The following statement gives the amount of the excess at several representative stations :—

	Excess.		Excess.
Dhulia	6·27 inches.	Poona	3·02 inches.
Ahmednagar	4·18 "	Belgaum	2·00 "
Honawar	4·42 "	Hubli	2·12 "
Nasik	3·85 "	Surat	1·68 "
Malegaon	3·52 "	Wadhwan	0·63 "

Similarly, over the whole of Madras there was excess except locally in some parts of Ganjam and the Circars and at a few stations in the extreme south (*e.g.*, Negapatam, Tranquebar, Trichinopoly, Tinnevelly and Cochin). The following are examples :—

	Actual rainfall, November 1887.	Average rainfall, November.	Excess.		Actual rainfall, November 1887.	Average rainfall, November.	Excess.
Nellore	20·75	11·50	9·25 inches.	Tanjore	10·82	5·94	4·88 inches.
Ongole	12·95	6·55	6·40 "	Tuticorin	14·43	8·33	6·10 "
Arcot	12·85	6·30	6·55 "	Tellicherry	9·35	3·31	6·04 "
Conjeeveram	13·52	8·72	4·80 "	Cannanore	7·99	3·23	4·76 "

In Mysore all stations received greater amounts than the normal rainfall of the month, the excess ranging from 0·57 inch at Hassan to 5·9 inches at Mercara. The heavy rainfall in the Peninsula accompanied a general deficiency in Ceylon.

The following table summarizes the chief features of the rainfall of November :—

Districts.	Normal average rainfall of November.	Actual average in November 1887.	Excess or defect.	Excess or defect expressed as a percentage.
	Inches.	Inches.	Inches.	
Western Himalayas	0·56	0·07	—0·49	— 88
Punjab Plains	0·19	—	—0·19	—100
North-Western Provinces and Oudh	0·08	0·01	—0·07	— 88
Rajputana	0·06	0·20	+0·14	+233
Central India States	0·27	1·04	+0·77	+285
Behar	0·16	—	—0·16	—100
Western Bengal and Chutia Nagpur	0·42	—	—0·42	—100

Districts.	Normal average rainfall of November.	Actual average in November 1887.	Excess or defect	Excess or defect expressed as a percentage.
	Inches.	Inches.	Inches.	
Lower Bengal	0·40	0·40	0	0
Eastern Himalayas	0·20	0·04	—0·16	— 80
Assam and Eastern Bengal	0·89	0·66	—0·23	— 26
Orissa and Northern Circars	1·76	1·88	+0·12	+ 7
Central Provinces, South	0·43	0·59	+0·16	+ 37
Berar and Khandesh	0·64	2·81	+2·17	+339
Guzerat	0·13	0·89	+0·76	+585
Sind and Cutch	0·05	0·02	—0·03	— 60
North Deccan	1·10	2·97	+1·87	+170
Konkan and Ghâts	0·84	2·37	+1·53	+182
Malabar and Ghâts	3·25	6·11	+2·86	+ 88
Hyderabad	0·95	1·05	+0·10	+ 11
Ceded Districts and Mysore	2·10	3·94	+1·84	+ 88
Carnatic	7·64	9·09	+1·45	+ 19
Nilgiris	8·57	9·15	+0·58	+ 7
Ceylon	11·61	9·05	—2·56	— 22
Arakan	2·79	4·02	+1·23	+ 44
Pegu	3·21	0·64	—2·57	— 80
Tenasserim	2·26	1·66	—0·60	— 27
Bay Islands	11·22	11·89	+0·67	+ 6

December.—Is the least rainy month of the year taking the whole of India into consideration. The rainfall due to what is termed the north-east monsoon usually ceases in the first fortnight of this month. In the latter half of the month skies occasionally cloud over in Northern India and light to moderate rain, accompanying cold weather storms, falls, chiefly in Upper India.

The month of December is hence the transition period from conditions during which vapour condensation takes place in the lower atmospheric strata to others in which condensation and precipitation are due to disturbance in the upper return current of the north-east monsoon period.

The rains in Southern India during the month of December 1887 were, as in the previous two months, unusually favourable. There were two bursts of rain during the month. The first lasted from the 6th to the 12th, during which frequent showers were received, chiefly in the coast districts from Madras to Tuticorin. A feeble depression formed off the South Coromandel Coast on the 5th and 6th and gave squally weather for some days, but did not develop further. The rainfall in Southern India during this period was hence brought up by the north-east and east winds in the northerly quadrant

of this slight persistent depression. The following are the more noteworthy rainfalls of each day during this period :—

Date.	Station.	Rainfall.
December 6th	Madras	2·65 inches.
Ditto	Kumbakonam	2·05 ,,
December 7th	Cuddalore	4·50 ,,
Ditto	Udayarpalaiyam	2·35 ,,
Ditto	Negapatam	2·25 ,,
December 8th	Madras	3·80 ,,
Ditto	Saidapet	3·70 ,,
Ditto	Chingleput	2·90 ,,
December 9th	Kumbakonam	1·75 ,,
December 10th	Conjeeveram	1·93 ,,
Ditto	Negapatam	2·55 ,,
December 11th	Tuticorin	1·65 ,,
December 13th	Tuticorin	2·60 ,,
Ditto	Tinnevelly	2·70 ,,

The largest portion of the rainfall was determined to the coast districts south of Nellore, but showers were also received over the greater part of Mysore and the whole of Southern India.

The second burst of rainfall commenced on the 20th, and with the exception of an almost entire break on the 24th, lasted till the 30th, when the weather rapidly improved and the skies cleared. The following amounts indicate the distribution of the rainfall during this period :—

Date.	Station.	Rainfall.
December 22nd	Negapatam	3·10 inches.
Ditto	Tanjore	2·30 ,,
December 25th	Negapatam	1·99 ,,
December 26th	Cuddalore	5·15 ,,
Ditto	Vellore	2·60 ,,
Ditto	Arcot	2·74 ,,
December 27th	Vellore	2·70 ,,
Ditto	Arcot	2·70 ,,

This rainfall apparently occurred under the same conditions as the previous. During the interval between these two periods of rainfall an area of low pressure formed to the east-north-east of Ceylon, but did not develop into a cyclonic storm. It remained unchanged in position and character until the 27th or 28th, when it gradually filled up. The rainfall in Southern India was hence apparently due to the winds of feeble indraught in the north and north-west quadrants of this slight and diffused depression.

No rain fell during the month in Bengal, Behar, Chutia Nagpur, Assam and Burma, or over the whole of North-Eastern India.

In Northern India the weather was more settled than usual. There were two very feeble disturbances during the latter half of the month. The first was confined to the hills of Upper India and lasted from the 19th to the 23rd. The second occurred during the last week of the month (Christmas week) and presented several peculiar features. It originated in the Central Provinces on the 27th, and gave light to moderate showers in the Central Provinces and the Berars on the 27th and 28th, occasional showers to Cutch, Kattiawar and Guzerat between the 28th and 31st, and light showers to Rajputana, Central India and

the western districts of the North-Western Provinces on the 29th, 30th and 31st, and to one or two districts in the Punjab on the 30th.

The rainfall of the month was considerably below the average and either actually or practically *nil* in the Punjab, Rajputana, Central India, the North-West Provinces, Oudh, Bengal, Assam, the Central Provinces, Berars, Hyderabad, the whole of Bombay with the exception of Guzerat (which received unusual and untimely rain in the last week of the month) and the northern districts of Madras including Ganjam and the Circars. Over the remainder of Madras there was an excess, moderate in amount in the interior but large in the coast districts. The following gives the more remarkable variations of the rainfall in Southern India from the normal amount :—

	Actual rainfall, December 1887.	Average rainfall, December.	Excess.
	Inches.	Inches.	Inches.
Cuddalore	17·07	6·16	10·91
Vellore	9·02	3·05	5·97
Arcot	8·86	2·70	6·16
Madras	11·95	5·24	6·71
Kumbakonam	13·18	5·65	7·53
Tanjore	10·20	4·28	5·92
Dindigul	8·72	2·65	6·07
Tuticorin	7·05	2·43	4·62
Chandragiri	11·20	2·25	8·95

In the Madras Deccan there was a slight excess averaging about half an inch. There was also a very large excess in the eastern districts of Ceylon due to the same causes that produced the excessive rainfall on the Coromandel coast. The following are examples :—

	Actual rainfall, December 1887.	Average rainfall, December.	Excess.
Mannar	23·05 inches.	8·55 inches.	14·50 inches.
Jaffna	22·00 „	10·58 „	11·42 „
Trincomalee	27·82 „	14·08 „	13·74 „
Puttalam	17·35 „	6·22 „	11·13 „
Anuradhapura	26·53 „	9·38 „	17·15 „
Galle	9·63 „	6·83 „	2·80 „
Colombo	6·98 „	6·41 „	0·57 „

No rain (excepting one or two light thunder showers of no importance) fell in Burma. Port Blair and Nancowry (more especially the latter) received amounts considerably in excess of the normal.

The following table summarizes the chief features of the rainfall of December :—

Districts.	Normal average rainfall of December.	Actual average in December 1887.	Excess or defect.	Excess or defect expressed as a percentage.
	Inches.	Inches.	Inches.	
Western Himalayas	1·22	0·43	—0·79	— 65
Punjab Plains	0·57	0·14	—0·43	— 75
North-Western Provinces and Oudh	0·32	0·03	—0·29	— 91
Rajputana	0·18	0·12	—0·06	— 33
Central India States	0·48	0·18	—0·30	— 63
Behar	0·15	...	—0·15	—100
Western Bengal and Chutia Nagpur	0·37	...	—0·37	—100
Lower Bengal	0·21	...	—0·21	—100
Eastern Himalayas	0·33	...	—0·33	—100
Assam and Eastern Bengal	0·41	...	—0·41	—100
Orissa and Northern Circars	0·66	0·01	—0·65	— 98
Central Provinces, South	0·42	0·25	—0·17	— 40
Berar and Khandesh	0·71	0·19	—0·52	— 73
Guzerat	0·07	0·31	+0·24	+343
Sind and Cutch	0·08	0·02	—0·06	— 75
North Deccan	0·42	0·15	—0·27	— 64
Konkan and Ghâts	0·20	0·09	—0·11	— 55
Malabar and Ghâts	0·97	0·88	—0·09	— 9
Hyderabad	0·59	0·03	—0·56	— 95
Ceded Districts and Mysore	0·57	0·83	+0·26	+ 46
Carnatic	3·46	6·97	+3·51	+101
Nilgiris	4·58	9·16	+4·58	+100
Ceylon	9·07	17·87	+8 80	+ 97
Arakan	0·52	...	—0·52	—100
Pegu	0·25	...	—0·25	—100
Tenasserim	0·19	0·01	—0·18	— 95
Bay Islands	8·83	12·42	+ 3·59	+ 41

The following tables give a brief summary of the rainfall of the year. In the first table the summary is drawn up in the same form as in previous years. The second table gives the average actual rainfall for the four periods into which the year may be divided of each of the 27 meteorological divisions of the empire and the normal averages for comparison. The four periods are as follows :—

1st.—From December 15th to March 1st, which forms the period of the cold weather rains of Upper India.

2nd.—From March 1st to June 1st, which includes the hot season when rain occurs mainly during thunderstorms and in the coast districts.

3rd.—From June 1st to October 15th, which forms the period of the South-West monsoon rains proper.

4th.—From October 15th to December 15th, which includes the period of the so called North-East monsoon rains of Southern India, more especially of the Coromandel Coast.

TABLE XXX.—*Geographical Summary of Rainfall anomalies in 1887.*

	Rainfall Provinces.	Area square miles.	Number of stations.	Average rainfall.	Mean, 1887.	Mean excess or defect.	Total excess, square miles, × one inch.	Total defect, square miles, × one inch.
I	Punjab Plains . . .	120,000	29	21·56	19·97	— 1·59		190,800
II	N.-W. Provinces and Oudh	83,500	45	36·68	39·99	+ 3·31	276,385	
III	Rajputana . . .	67,000	19	28·00	32·95	+ 4·95	331,650	
IV	Central India States . .	91,000	20	42·00	50·86	+ 8·86	806,260	
V	Behar . . .	30,000	15	44·30	45·94	+ 1·64	49,200	
VI	Western Bengal . .	38,000	10	49·38	49·67	+ 0·29	11,020	
VII	Lower Bengal . . .	54,000	28	66·67	62·42	— 4·25		22,950
VIII	Assam and Cachar . .	61,000	17	104·54	95·66	— 8·88		541,680
IX	Orissa and Northern Circars.	27,000	16	47·87	42·14	— 5·75		154,710
X	Central Provinces, South .	61,000	18	51·55	64·17	+12·62	769,820	
XI	Berar and Khandesh. .	43,000	13	36·14	48·77	+12·63	543,090	
XII	Guzerat	54,500	13	33·62	32·93	— 0·69		37,605
XIII	Sind and Cutch . .	68,000	10	8·51	4·39	— 4·12		280,160
XIV	North Deccan . . .	48,000	13	30·14	33·14	+ 3·00	144,000	
XV	Konkan and Ghâts . .	16,000	12	146·93	160·05	+13·12	209,920	
XVI	Malabar and Ghâts . .	18,000	8	113·22	110·76	— 2·46		44,280
XVII	Hyderabad . . .	74,000	17	32·62	31·23	— 1·39		102,860
XVIII	Mysore and Bellary . .	58,000	18	29·42	32·80	+ 3·38	196,040	
XIX	Carnatic	72,000	38	36·16	45·34	+ 9·18	660,960	
	Sums . . .	1,084,000	...	...	...	...	3,998,345	1,375,045
XX	Arakan	11,000	7	148·68	138·13	—10·55		116,050
XXI	Pegu	32,500	7	72·32	66·70	— 5·62		182,650
XXII	Tenasserim . . .	10,500	4	171·52	171·03	— 0·49		5,145
	Sums . . .	1,138,000	...	...	...	...	3,998,345	1,678,890

On the mean of the whole area represented in the above table, there was an excess of +2·04 inches, or excluding the Burmese peninsula of +2·42 inches.

TABLE XXXI.—*Geographical Summary of the distribution of rainfall in 1887, according to seasons.*

Districts.	Period December 15th to March 1st.		Period March 1st to June 15th.		Period June 15th to October 1st.		Period October 1st to December 15th.	
	Actual average.	Normal average.	Actual average.	Normal average.	Actual average.	Normal average.	Actual average.	Normal average.
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
N.-W. Himalayas	5·85	5·03	5·94	10·54	53·31	47·25	0·37	1·94
Punjab Plains	1·56	2·33	0·97	3·51	17·53	13·95	0·25	0·81
N.-W. P. and Oudh	1·85	1·78	1·78	2·72	32·55	32·42	2·20	1·49
Rajputana	0·51	0·57	0·36	1·50	34·10	22·27	0·01	0·46
Central India	1·67	0·90	1·37	2·24	45·47	36·07	3·08	1·68
Behar	1·33	1·24	9·56	3·68	27·87	33·97	1·97	3·30
Chutia Nagpur	2·60	1·60	6·83	5·71	37·10	39·86	2·49	3·52
Lower Bengal	1·38	1·52	17·16	14·00	39·35	44·41	5·70	6·33
E. Himalayas	1·90	1·40	33·72	23·59	87·11	87·79	3·55	6·48
Assam and Cachar	2·24	2·87	37·63	36·02	47·34	55·65	2·89	5·93
Orissa and N. Circars	0·34	1·15	8·02	7·19	25·54	32·62	10·59	14·95
C. P., South	0·74	1·20	5·52	4·87	62·47	47·13	5·19	2·43
Berar and Khandesh	0·16	1·18	3·40	3·09	31·05	24·10	8·53	3·57
Guzerat	0	0·16	1·60	1·19	19·80	28·00	0·64	1·18
Sind and Cutch	0·91	0·70	0	0·29	1·80	5·42	0	0·08
North Deccan	0	0·29	6·16	7·02	26·62	25·19	8·10	4·86
Konkan	0	0·19	31·44	15·37	79·72	76·44	8·57	4·45
Malabar and Ghâts	0·20	0·73	32·79	27·59	69·53	83·60	21·37	15·14
Hyderabad	0	0·19	5·00	3·97	17·22	21·61	4·31	4·63
Mysore and Bellary	0	0·33	3·06	5·31	17·67	14 21	6·75	7·43
Carnatic	0·79	3·03	6·43	5·90	11·93	11·51	24·64	18·15
Nilgiris	0·93	2·97	12·15	11·02	11·31	14·04	22·52	21·72
Arakan	3·59	1·11	21·57	29·48	94·08	106·12	6·38	10·60
Burma	0·10	0·40	16·60	16·41	56·78	55·97	4·66	11·82
Tenasserim	0·97	0 07	33·30	35·61	140·60	134·39	7·27	10·55
Bay Islands	6·15	8·87	41·59	28·25	57·34	50·61	28·44	29·30
Ceylon	5·71	9·11	42·44	31·26	9·25	21·25	22·80	28·76

The rainfall of the year 1887 in India presents several features of great interest which were remarkably presistent and sharply defined. The cold weather rains were marked by a fairly regular monthly oscillatory fluctuation. The month of January was characterized by a succession of storms in Northern India, the chief features of which were excessive snow-fall in the Eastern Himalayan area and heavier rainfall than usual over the whole of North-Eastern India. This rainfall was on the whole most excessive in Assam nd Bengal or in the plain districts immediately adjacent to the hill districts of heaviest

snow-fall. This is in strict accordance with the principle formulated in last year's report, *viz.*, that the snow-fall on the hills of Northern India and the cold weather rains in the adjacent plains are parts or features of the same general atmospheric disturbance and action, and hence that any theory of the winter rains in Upper India should include, as an essential and integral part, an explanation of the simultaneous heavy snow-fall which occurs on the Himalayas at heights up to twenty or twenty-five thousand feet and probably up to the summits of the highest peaks, which undoubtedly receive their main supply of snow in the cold weather and not in the hot weather and rainy seasons.

February was an unusually dry month. The temperature in Northern India was considerably below the average of the season for some time after the heavy rain and snow-fall of January, but after the second week of the month of February it increased with unusual rapidity. The disturbing effect of the rapid accumulation of heat in the lower atmospheric strata was shewn in the month of March by the occurrence of several unusually vigorous series of thunderstorms in Bengal, Lower Burma, and the plain districts in the neighbourhood of the hills in Northern India. Bengal, Behar, Lower Burma, Tenasserim and the Carnatic received larger amounts of rain during the month than usual. The rainfall of the month was generally much below the average in Upper India. There was hence the same general relation between the amount and intensity of disturbance, and the rainfall of North-Eastern and North-Western India during this month as in January, excess in the former area accompanying deficiency in the latter area.

April was an unusually dry month over the greater part of the interior of India, more especially in Upper and Central India. An early advance of humid winds in the fourth week of April, similar in general character to those of the monsoon proper, but of small volume and strength, gave heavy rain for a short period of about six days to Ceylon and Southern India as well as to Tenasserim. The total amounts received were, as might be expected, greatest in Ceylon and Tenasserim.

The month of May was remarkable for its dryness and excessive temperature over the whole of the interior. Temperature increased steadily in Upper India until the 25th or 26th of the month, when the highest temperatures of the year were recorded. Higher temperatures were registered than have been observed under the same conditions of observation since 1877. The dryness of the air was even a more remarkable feature than its high temperature. Lower humidities were observed than have probably been known for many years. Humidities of 2 and 3 per cent. were recorded at several stations in Upper India. The dryness of the air was even more marked at the hill stations in Upper India, more especially at Murree and Simla than in the plains. The maximum temperature of the year was 121½° at Jacobabad on the 26th. On that day the 4 P.M. humidity at Murree (assuming the accuracy of the formulæ used for its determination) was barely 1 per cent., and at Jacobabad 2 per cent. Full data have been given in pages 62-3 of the temperature conditions in India immediately antecedent to the setting in of the South-West monsoon and need not be repeated.

It will thus be seen that the chief features of the pre-monsoon period, 1st of January to the end of May 1887, were—

1st.—Unusually stormy weather, with excessive snow-fall in the Eastern Himalayas and heavier rainfall than usual in the adjacent plain districts, including Assam, Bengal, and Behar.

2nd.—Less disturbance and a smaller total snow-fall in the Western Himalayan area than usual, which accompanied deficient rainfall in the Punjab, the greater part of the North-West Provinces, Sind, Rajputana and the Central Provinces.

In the third week of April occurred the first advance of the humid winds of the South-West monsoon from the neighbourhood of the Equator. Tenasserim as well as the Malabar Coast districts shared in this feeble burst of rain, and hence it is almost certain that it was due to a general but feeble advance of humid winds in the Arabian Sea, as well as in the Bay of Bengal. A second and very much stronger advance occurred in the third week of May. And as frequently happens in these vast uprushes of humid winds, the advance on this occasion was accompanied by the formation of a cyclonic storm. It was generated to the north of the Andamans on the 20th and 21st of May, marched to the north-west and passed through Orissa and Chutia Nagpur into Behar. It hence carried up the first burst of the monsoon rains into the whole of Bengal, Behar, and Chutia Nagpur. The quantity of moisture brought up by these humid winds was so great that they continued to give very heavy rain to the whole of Bengal, more especially in the neighbourhood of the hills of North and East Bengal, for some days after the storm broke up. The commencement of the monsoon rains in Bengal hence dated from the 26th of May. This advance of the south-west monsoon rain-giving current did not extend beyond the eastern districts of the North-West Provinces, including Allahabad, Mirzapur, Benares, Gorakhpur, and Basti. Whilst this heavy cyclonic rain was falling in the Bay and Bengal, the indraught to that area of rainfall was apparently the cause of the retardation of the commencement of the rains on the Malabar Coast. It was pointed out in last year's report that these advances are rarely simultaneous in the Bay of Bengal and the Arabian Sea. This was suggested as one argument that they are not due mainly to the hot-weather pressure and temperature conditions of Northern India, and it was pointed out that the actual character of the motion suggests rather that they are due to an impulse from the south than to an indraught to the north. It is also partly due to this fact that the general strength of the monsoon currents depends more largely upon the meteorological conditions of the areas they pass over than upon those of the area or areas to which they finally tend.

Almost immediately after the first large advance of humid winds up the Bay had exhausted itself and a partial break in the rains commenced over Bengal, the south-west monsoon set in on the west coast. Heavy rain began to fall on the Malabar Coast on the 4th and rapidly advanced along the west coast of India as far north as Surat. Here, as in the Bay, the rapid general advance of humid winds northwards up the Arabian Sea gave rise to a cyclonic storm of considerable intensity. Judging from the data received by the Meteorological Office, it apparently formed in about Lat. 17½° or at least 2° further north than the corresponding storm in the Bay of Bengal. It advanced in a west-north-west direction across the Arabian Sea to the neighbourhood of the coast of Arabia where it probably broke up. This, however, is a conjecture, based on the observations furnished by Aden, Kurrachee, Bushire, and Quetta, as no information has been received from shipping of the later stages of the storm in the Arabian Sea. The indraught to the storm apparently diminished the strength of the monsoon current (as a rain-giving current) in Western and Central India for some time during and after its existence. The monsoon rains set in feebly on the Bombay Coast on the 6th June and extended slowly inland, and it was not until nearly the end of the month that they were established in full

strength over Central India and Rajputana. During the months of July and August the monsoon current blew strongly and very steadily across the west coast.

The next great advance of the Bengal current occurred in the second week of June. A storm of small intensity formed in front of it near the head of the Bay on the 10th or 11th. It advanced through Orissa and Chutia Nagpur into the North-West Provinces. This storm gave moderate to heavy rain over the whole of the North-West Provinces, and after its disappearance the influx of moisture extended westwards into the Punjab and gave occasional showers. The commencement of the south-west monsoon rains in Upper India in 1887 hence may be considered to date from the 15th of June, for it was about that date that the large and persistent increase of humidity and the establishment of easterly moist winds with occasional rain, which marks the transition from the hot-weather to the rainy season in Upper India, occurred.

One of the more important features of the Bay of Bengal current during the months of July, August, and September are the smaller cyclonic storms which occur at frequent intervals. The distribution and character of the rainfall of the south-west monsoon period over a large portion of Northern and Central India depends to a very considerable extent upon their lines of march and frequency.

It has been indicated in the various cyclone reports published by the Department that there is a very marked tendency for cyclonic storms of the rains to run along the trough of low pressure, the mean position of which during the rains stretches from Sind or Cutch in an east-south-easterly direction to the eastern districts of the Central Provinces, Orissa, and Chutia Nagpur. The position of the trough or belt of minimum pressure varies very considerably throughout the rains. An examination of the tracks of the storms of the present year 1888, as well as those of 1887, has shewn that the great majority of these storms marchad across the coast in the direction of the belt of lowest pressure at the time of their formation and hence it may be inferred that if a depression forms during the rains in the Bay it will very probably run along the belt of lowest pressure or the trough of minimum pressure in existence immediately antecedent to its formation. This of course assumes that there is a well-defined trough of low pressure in existence at the time. As the chief characteristic of such a barometric depression or trough of low pressure is light and variable winds, it will be seen that this principle virtually coincides with the rule that cyclonic storms in the Bay march in the direction of least relative air motion immediately antecedent to the formation of the cyclone. The latter rule, it may be observed, is more general, as the former would fail in the October transition period, when the chief feature is approximate uniformity of pressure over the whole of India and the Bay.

During the period from the setting in of the south-west monsoon to the end of September 1887, eight depressions of sufficient magnitude to be designated cyclonic storms, formed in the Bay. Two of these ran along the trough of low pressure in its ordinary position into Upper India, three marched into the Central Provinces and filled up there, two advanced into Behar, and one into North Bengal. The discussion under the heading rainfall shows that each of these storms not only gave heavy rain over the districts it passed through, but introduced a humid current which supplied heavy and general rain for some days after it filled up to a large portion of Northern India.

Another important feature of these storms of the rains is their marked tendency to drift to any area of persistent anomalous low pressure relatively to adjacent areas, if there

be any in existence. For example, if Central Behar be an area of persistent low pressure relatively to neighbouring districts during the south-west monsoon, there is a strong tendency for storms to include that area in their tracks. If the area of persistent low pressure be in the interior, that is, in Upper or Central India, a considerable proportion of the storms will advance to that area and fill up in its neighbourhood.

In the month of July 1887 the Bengal current at the head of the Bay was somewhat below its normal strength, whilst conditions (especially the distribution of pressure) were favourable to indraught to Upper India. The total rainfall of the month was considerably above the normal in Burma. It was as largely in defect over the whole of Bengal. On the other hand, the same current which passed over Bengal and gave it smaller rain supplies than usual, gave excessive rainfall to the North-West Provinces. The Bombay current was also more largely directed towards Upper and Central India than usual. This was shewn by the fact that whilst the rainfall of the month was in almost universal defect over the whole of Southern India, it was more or less in excess in the Central Provinces, Berars, Central India, and Rajputana, as well as in the Konkan.

The most important feature in the distribution of the rainfall at this time was the excessive precipitation in the Central Provinces, and in a narrowish tract of country stretching from the Aravallis across Central Rajputana to the Agra, Aligarh, Muttra, Delhi, Rohtak, and Gurgaon districts. This excessive rainfall was due chiefly to the presence of unusually persistent favourable conditions in these two areas. This is established by the fact that it was due to more continuous rain than usual (indicated by the excessive number of rainy days), and not to occasional heavy or cyclonic downpours. This tendency was shewn to a moderate extent in June, but it became in July one of the most marked and characteristic features of the south-west monsoon rains of the year.

During the month of August the Bombay current blew very steadily and was generally above its normal strength. The Bengal current was also steadier and stronger than hitherto. As already pointed out, the conditions in Upper India were unusually favourable at the commencement of the rains. The unusually low pressure in Upper India and steep gradients which continued to prevail during the months of June and July indicated the persistency of these favourable conditions and the probability of the advance in greater strength than usual of the monsoon humid currents into the Punjab. The weakness of the Bengal current in these months appears to have been the chief cause of the deficient rainfall in the Punjab at that time. The conditions of high humidity and approximately uniform temperature, which form two of the most marked features of the rains, prevailed steadily throughout the whole period and frequent showers were received, but the rainfall was nevertheless below the average in June and July. This was, however, completely altered in August, the only month of the monsoon period when both currents blow strongly and steadily. The Punjab, North-West Provinces, Rajputana and Central India, as well as the Central Provinces, received heavy rain during the whole month, which gave an average total for the month very considerably above the normal. There was local deficiency in Western Rajputana and also in some parts of Oudh, more especially the north-western districts near the Nepal frontier. Although the interior of the country thus received abundant rain in August, the rainfall was more or less in defect in Burma, Bengal and Bombay. The deficiency was greatest and most marked in Bombay. Thus at Igatpuri, in the West Ghâts, a total of only

4·8 inches was received, the normal rainfall of the month being 32·6 inches. In Burma there was a moderate defect, but in Bengal the deficiency was on the whole slight and unimportant. It was, however, very marked in the eastern districts of Bengal and in Assam. In other words, the Bengal monsoon current was as a rain-giving current drawn away from its eastern limits in Burma, Assam, and East Bengal, and gave unusually heavy rain to its western limits in Northern India, including the North-West Provinces and the Punjab. A portion of the peninsula, including Hyderabad and North-East Madras, also received larger amounts than usual. This was apparently due to the increased strength and the strong westerly set of the Bengal current during the month.

In September, the Bombay current fell off very rapidly in strength after the first week of the month, and finally withdrew from Upper and Central India about the 20th of the month. It apparently retreated from the north of the Arabian Sea at the same time and was confined after that date to the southern half, whence it advanced into the Peninsula for some time and gave moderate rain. The Bengal current was also weaker than usual in September and shewed early indications in the fourth week of the month of withdrawing from Bengal and of recurving in the Bay. In consequence of this earlier withdrawal of both currents from Northern India than usual, the rainfall of the month was more or less in defect over the whole of Northern and Central India and the Central Provinces. This defect was most marked in Guzerat, Cutch, and Sind which were practically rainless during the month. The rainfall of the month was, on the other hand, in slight excess or normal in amount in Burma, Bombay (to the south of Surat), the Deccan, and Malabar.

The following gives a brief summary of the more remarkable features of the south-West monsoon rainfall of 1887 in India.

A. The most remarkable, on the whole, was the almost constant and excessive precipitation which occurred over a long and narrowish belt of country stretching to the east of the Aravallis, from Ajmere to Agra, Muttra, and Delhi. The rainfall, it may be added, was so continuous as to interfere seriously with agricultural operations.

The following table gives the variations of the rainfall month by month at representative stations in this area:—

Station.	June.		July.		August.		September.		Whole South-West Monsoon Period.	
	Variation.	Percentage.	Variation.	Percentage.	Variation.	Percentage.	Variation.	Percentage.	Variation.	Percentage.
Delhi	— 1·33	— 40	+ 4·30	+ 50	+ 10·18	+ 141	— 0·59	— 13	+ 12·56	+ 53
Rohtak	— 2·50	— 86	+ 4·43	+ 73	+ 11·21	+ 208	— 1·63	— 58	+ 11·51	+ 67
Agra	— 1·35	— 47	+ 9·57	+ 95	+ 6·00	+ 88	+ 3·52	+ 80	+ 17·74	+ 74
Aligarh	— 0·50	— 15	+ 4·72	+ 50	+ 10·38	+ 143	+ 1·19	+ 26	+ 15·79	+ 64
Muttra	— 1·04	— 37	+ 4·12	+ 43	+ 8·35	+ 122	— 0·05	— 1	+ 11·38	+ 48
Jeypore	— 1·75	— 55	+ 7·88	+ 83	+ 13·73	+ 202	+ 1·13	+ 35	+ 20·99	+ 93
Ulwur	— 1·39	— 38	+ 9·70	+ 99	+ 15·71	+ 174	— 3·42	— 66	+ 20·60	+ 75
Ajmere	— 0·49	— 20	+ 3·47	+ 49	+ 0·50	+ 7	— 2·62	— 80	+ 0·86	+ 4
Tonk	+ 1·78	+ 62	+ 16·70	+ 160	+ 11·31	+ 114	+ 0·03	+ 1	+ 29·82	+ 113
Mount Abu	— 2·29	— 45	+ 19·74	+ 86	+ 8·15	+ 35	— 7·93	— 90	+ 17·67	+ 30
Morar	— 2·62	— 90	+ 7·78	+ 72	+ 10·07	+ 92	+ 2·57	+ 46	+ 17·80	+ 59
Jhansi	— 0·35	— 9	+ 8·01	+ 58	+ 2·86	+ 27	+ 6·60	+ 122	+ 17·12	+ 51

B. The area to the west of this belt of excessive precipitation, including Guzerat, Cutch, Kathiawar, Marwar, &c., although under the influence of the same current, was, after the first burst of the monsoon, passed over it in June, characterised by deficient rainfall through the remainder of the season, which became more marked and serious towards the end of the season.

It is an illustration of a principle of frequent and fairly general application in India, that a humid current which gives excessive rainfall to any area gives less than the average to the area between that and the sea coast from which the rain-giving current advances. The general indraught to the area of excessive rainfall increases the strength of the winds, more especially of the hurried winds advancing to that area. Hence over such an area of increased horizontal air movement the irregular occasional ascensional motion necessary for rainfall is less likely to occur, and the total rainfall of the season likely to be below the average. This leaves out of consideration the variations in the strength of the general monsoon current from year to year, which will of course affect the amount of the deficiency to a considerable extent. The following table illustrates the deficiency in the area to the west of the Aravallis :—

Station.	June.		July.		August.		September.		October.		South-West Monsoon Period.	
	Variation.	Percentage.	Variation.	Percentage.	Variation.	Percentage.	Variation.	Percentage.	Variation.	Percentage.	Variation.	Percentage.
Kurrachee . .	— 0·16	— 84	— 1·37	— 45	— 1·16	— 67	— 0·83	—100	— 0·06	— 9	— 3·58	— 56
Bhuj . . .	+ 0·96	+ 42	+ 2·23	+ 42	— 2·92	— 83	— 2·30	—100	— 0·79	—100	— 2·82	— 20
Rajkot . . .	— 3·03	— 57	+ 6·66	+ 63	— 2·17	— 33	— 2·01	— 48	— 0·75	—100	— 1·30	— 5
Deesa . . .	— 0·66	— 30	— 2·24	— 23	— 3·93	— 47	— 3·22	—100	— 0·79	—100	— 10·84	— 45
Ahmedabad . .	+ 3·45	+ 96	+ 0·95	+ 8	— 3·60	— 42	— 4·03	— 97	— 0·57	—100	— 3·80	— 13
Jeysulmere . .	— 0·72	—100	— 1·07	— 39	— 0·92	— 56	— 0·79	—100	0	0	— 3·50	— 60
Jodhpore . .	+ 0·80	+ 64	— 0·44	— 12	— 2·33	— 47	— 2·14	—100	— 0·20	—100	— 4·31	— 35
Pachpadra . .	— 0·77	—100	— 1·39	— 45	— 2·02	— 61	— 2·11	—100	— 0·06	—100	— 6·35	— 68
Bickaneer . .	+ 0·51	+ 27	— 2·43	— 66	— 1·17	— 45	— 1·31	— 98	— 0·06	—100	— 4·46	— 47

C. Another very marked feature was excessive rainfall over the Central Provinces and Berars during nearly the whole monsoon period. This unusually large precipitation accompanied a steady and persistent determination of the monsoon rainfall to that area and was not, except to a limited extent, due to occasional heavy cyclonic rainfall during the passage of storms. The rainfall was hence due to causes and conditions similar to those which gave rise to the excessive rainfall in Central Rajputana. The two following tables shew the character and amount of the excess :—

Division.	June.		July.		August.		September.		October.		South-West Monsoon Period.	
	Variation.	Percentage.	Variation.	Percentage.	Variation.	Percentage.	Variation.	Percentage.	Variation.	Percentage.	Variation.	Percentage.
Central Provinces .	+ 0·17	+ 2	+ 7·12	+ 43	+ 5·31	+ 43	— 0·38	— 4	+ 1·15	+ 54	+ 13·37	+27
Berars . . .	+ 1·10	+15	+ 8·00	+ 77	+ 0·21	+ 3	— 0·10	— 1	+ 2·59	+ 91	+ 11·80	+33

This statement shews that the excess averaged 13·4 inches or 27 per cent. on an average total of 48 inches in the Central Provinces and 11·8 inches or 33 per cent. in the Berars, the average rainfall of which for the south-west monsoon period is 35 inches.

The following gives data for several typical stations in the Central Provinces and Berars at which the rainfall was most excessive:—

Station.	June.		July.		August.		September.		October.		South-West Monsoon Period.	
	Variation.	Percentage.	Variation.	Percentage.	Variation.	Percentage.	Variation.	Percentage.	Variation.	Percentage.	Variation.	Percentage.
Jubbulpore . .	— 0·18	— 2	+ 21·44	+112	+ 8·84	+ 63	+ 2·12	+ 26	+ 3·47	+216	+ 35·69	+ 71
Seoni . . .	+ 3·55	+ 35	+ 18·08	+116	+ 9·06	+ 82	+ 2·17	+ 27	+ 1·80	+ 85	+ 34·66	+ 74
Nagpur . .	+ 1·15	+ 13	+ 4·66	+ 35	+ 3·65	+ 41	— 1·15	— 15	+ 2·54	+109	+ 10·85	+ 26
Chanda . .	+ 4·36	+ 56	+ 9·83	+ 62	+ 5·54	+ 45	— 1·21	— 14	+ 0·98	+ 40	+ 19·50	+ 42
Akola . . .	+ 2·67	+ 50	+ 11·22	+136	— 1·69	— 26	— 1·18	— 21	+ 6·13	+249	+ 17·15	+ 60
Chikalda . .	— 1·19	— 10	+ 24·22	+126	+ 0·36	+ 2	+ 9·41	+ 73	+ 4·90	+100	+ 37·70	+ 57

D. The rainfall in Bengal was, except at the beginning of the monsoon season in May and June, very generally in defect. The deficiency was most marked and general in September and October. The rains, although much below the average, were fairly well-distributed, and the rainfall attending the storm in the first fortnight of October, as already pointed out, occurred when it was urgently wanted, and prevented the partial failure of the rice crops that was threatened by the absence of rainfall in the last fortnight of September and first week of October.

The following gives complete data for the province as published in the monthly reports of the Meteorological Reporter to the Government of Bengal:—

Division.	June.		July.		August.		September.		October.		South-West Monsoon Period.	
	Variation.	Percentage.	Variation.	Percentage.	Variation.	Percentage.	Variation.	Percentage.	Variation.	Percentage.	Variation.	Percentage.
Orissa . . .	— 3·10	— 34	— 1·13	— 9	— 1·92	— 17	— 4·49	— 41	— 2·38	— 38	— 13·02	— 26
South-West Bengal	— 1·86	— 18	+ 0·39	+ 3	— 3·07	— 23	— 1·11	— 12	— 1·14	— 26	— 6·79	— 14
East Bengal . .	— 3·93	— 22	— 3·28	— 20	— 4·45	— 28	— 5·21	— 41	— 1·11	— 20	— 17·98	— 26
North Bengal .	+ 6·69	+ 38	— 5·32	— 37	— 0·43	— 3	— 1·66	— 12	— 1·06	— 23	— 1·78	— 4
North Behar . .	+ 3·01	+ 35	— 5·17	— 40	+ 1·27	+ 11	— 2·52	— 25	+ 1·08	+ 31	— 2·33	— 5
South Behar . .	— 2·05	— 30	— 2·13	— 17	— 1·98	— 17	— 1·71	— 21	— 0·19	— 6	— 8·06	— 19
Chutia Nagpur .	— 2·26	— 27	— 0·87	— 7	— 1·35	— 10	— 2·56	— 29	— 1·78	— 55	— 8·82	— 19

These data are somewhat fuller than the data given in the summary in the rainfall section, which are as follows :—

Division.	June.		July.		August.		September.		October.		South-West Monsoon Period.	
	Variation.	Percentage.	Variation.	Percentage.	Variation.	Percentage.	Variation.	Percentage.	Variation.	Percentage.	Variation.	Percentage.
Behar . . .	+ 0·64	+ 10	— 2·29	— 27	— 1·06	— 10	— 1·59	— 20	+ 0·84	+ 26	— 4·29	— 11
Western Bengal and Chutia Nagpur.	— 2·43	— 30	+ 0·41	+ 3	— 0·55	— 4	— 2·39	— 28	— 1·38	— 43	— 6·34	— 14
Lower Bengal .	— 0·15	— 1	— 1·66	— 13	— 2·47	— 20	— 1·70	— 16	— 0·85	— 18	— 6·91	— 13
Assam and Eastern Bengal.	+ 8·88	+ 37	— 10·12	— 44	— 2·74	— 14	— 2·70	— 17	— 2·98	— 53	— 9·66	— 11
Orissa and Northern Circars.	+ 0·07	+ 1	+ 0·28	+ 2	+ 0·20	+ 2	— 2·80	— 30	— 1·22	— 21	— 3·47	— 8

The retreat of the south-west monsoon current from Upper and Central India commenced in the last week of September and proceeded with unusual rapidity. The north-east monsoon rains on the Coromandel Coast commenced earlier than usual and were ushered in by a storm which formed near the Andamans and crossed the coast near Madras. It advanced in the normal direction across the Peninsula, but recurved without passing the Ghâts. This appears to have been due to the failure of the Arabian Sea current to feed into it whilst the current from the Bay of Bengal continued to bring up large supplies of vapour. (A similar change of direction in the case of a very remarkable storm in September 1888 occurred under apparently almost identical circumstances). The storm then proceeded by a very unusual path into the eastern districts of the North-West Provinces and gave a final and much-needed supply of rain to the crops in Bengal and Behar. Little or no rain was received in Bengal after this supply until the end of the year.

During the remainder of the year the humid current in the south of the Bay recurved in the centre of the Bay and gave remarkably heavy and prolonged rainfall in Southern India. Although the current in the Bay had apparently been very weak in September, it was remarkably persistent and unusually steady in the south of the Bay from that period until quite the end of the year. Also the conditions were such that no cyclonic storm was formed. Hence the rains of the months of October, November, and December in the Peninsula were not only in excess but were very favourably distributed over the whole of Southern India to the south of Hyderabad. This unusual strength of the retreating south-west monsoon current in the Bay apparently accompanied similar conditions in the Arabian Sea to a modified extent. This was shown partly by increased rainfall on the Malabar Coast and by the occasional tendency for areas of slight depression to form on the Malabar Coast and to advance northwards along the coast as far as Guzerat, carrying rain with them chiefly to Guzerat and Cutch and to a less extent to Central India and the Central Provinces.

The last general burst of rain in Southern Madras was received in the last week of December and the last of the storms or small disturbances off the West Coast referred to above, occurred in the first week of January.

SUMMARY.

Hence the south-west humid current, the rapid northward extension of which in May and June initiates the south-west monsoon proper in Northern India, did not retreat from the Bay of Bengal and Arabian Sea until quite the end of the year, and lasted at least a fortnight later than usual. One of the more remarkable features of the year was the very favourable distribution of the rains in Southern India (Madras, &c.), more especially during the north-east monsoon period of October to December. It has already been pointed out that the latter rains set in unusually early and were remarkably persistent, and that the steady rainfall on the land area was associated with an entire absence of cyclonic storms in the Bay (leaving out of consideration the storm of the first fortnight, which practically occurred at the commencement of the north-east monsoon rains and before they were fully established). The first of the two following tables shew the variation of the rainfall month by month in the five meteorological divisions included in Southern India, and the second the variations at several representative stations in the same area. They illustrate very strikingly the abundant rainfall of the last three months of the year.

	June.		July.		August.		September.		October.		November.		December.	
	Variation.	Percentage.	Variation.	Percentage.	Variation.	Percentage.	Variation.	Percentage.	Variation.	Percentage.	Variation.	Percentage.	Variation.	Percentage.
Hyderabad .	+0·31	+ 6	−0·33	− 5	+1·37	+ 19	−0·26	− 4	− 1·29	− 40	+0 10	+ 11	− 0·47	− 95
Mysore .	+0·82	+ 27	−0·42	− 12	+1·20	+ 27	+0·17	+ 4	+ 0·62	+ 11	+1·84	+ 88	+ 0·26	+ 46
Carnatic .	+0·88	+ 48	−1·02	− 43	+0·25	+ 6	−0·34	− 8	+ 5 50	+ 71	+1·45	+ 19	+ 3·51	+101
Nilgiris .	+0·46	+ 13	−1·54	− 51	+1·14	+ 28	−2·30	− 51	+ 0·64	+ 6	+0·58	+ 7	+ 4·58	+100
Ceylon .	+0·70	+ 12	−1·69	− 40	−0·12	− 3	−2·97	− 62	+ 2·37	+ 24	−2·56	− 22	+ 8·80	+ 97
Nellore .	−0·02	− 1	−0·65	− 30	−0·44	− 14	−0·31	− 10	+ 16·04	+ 152	+9·25	+ 80	+ 0·21	+ 6
Cuddalore .	+0·23	+ 16	+2·59	+ 110	+2·18	+ 42	+2·95	+ 62	+ 22·29	+ 248	+1·69	+ 12	+10·91	+177
Madras .	−1·44	− 70	−0·79	− 21	+4·19	+ 94	+2·95	− 62	+ 13·37	+ 122	−0·18	− 1	+ 6·71	+128
Negapatam .	+2·84	+ 195	−0·37	− 28	−1·57	− 47	−2·21	− 62	+ 10·42	+ 113	−0·07	0	+ 4·69	+ 44
Salem . .	+1·60	+ 50	−2·41	− 66	+2·36	+ 39	−2·74	− 45	+ 0·75	+ 10	+1·83	+ 70	+ 0·80	+ 82
Dindigul .	+0·64	+ 38	−0·83	− 52	−0·57	− 26	−0·42	− 14	+ 4·44	+ 71	+0·56	+ 11	+ 6·07	+229
Trichinopoly .	+2·00	+150	−2·10	−100	+4·35	+ 97	−4·09	− 79	+ 0·85	+ 11	−0·26	− 5	+ 2·42	+ 77
Madura .	+3·49	+204	−1·59	− 98	+0·46	+ 10	−0·09	− 2	− 1·10	− 13	+0·06	+ 1	+ 1·83	+ 81
Tuticorin .	+0·34	+213	−0·20	−100	−0·08	− 21	−0·63	−100	+ 1·98	+ 53	+6·10	+ 73	+ 4·62	+190
Manaar .	+1·44	+162	−0·23	−100	−0·61	− 95	−0·75	− 97	+ 3·98	+ 48	−3·54	− 34	+14·50	+170
Trincomalee .	+0·67	+ 34	−0·16	− 7	+4·67	+103	−2·92	− 64	− 1·06	− 12	−4·35	− 34	+13·74	+ 98
Galle . .	+0·01	0	−3·08	− 56	+3·11	+ 57	−4·55	− 62	+ 3·98	+ 30	+1·73	+ 15	+ 2·80	+ 41

The persistent heavy rainfall at Cuddalore during the whole period is another illustration of that very marked tendency in India, shown on the small scale as strikingly as in the large, of the protracted existence of abnormal conditions amidst the larger changes of the weather in India.

In the preceding sketch of the meteorology of India during the year 1887, the more important peculiarities or abnormal features of the year have been freely stated. It now remains to correlate them so far as is at present possible.

One subject which has been frequently touched upon in the annual reports is the relation between the variations in the intensity of solar radiation as measured by the periodic changes in the number of the sunspots and the larger and more persistent variations in the elements of meteorological observation in India. That there must be some connection is self-evident to all meteorologists who believe that atmospheric changes are mainly due to solar action. India is a very tempting country in which to seek for such a relation, as its meteorology is in some respects much simpler than that of temperate regions, and the regular and periodic changes are not only far more massive in India than in Europe but (except on rare occasions) overpower the irregular and non-periodic changes and actions.

Sunspot data shew that there were practically no spots in 1856, a maximum in 1860, no spots in 1867, a maximum again in 1871, no spots in 1878, and a maximum in 1882. It will be seen this gives a fairly exact eleven-year period. There have been very few spots visible during the present year (1888), and hence the present year or the year 1889 will almost certainly be the minimum sunspot year of the present cycle. Also, according to the opinion of Mr. Lockyer, the period effective in producing changes in the amount of solar radiation must depend, if the changes exist, upon the time which elapses between successive maxima, that is about eleven years. And according to the same authority (although there is some doubt on this point), the solar radiation is greatest when the number of spots is greatest or at the period of maximum sunspots. Now, so far as India is concerned, it would appear that it is the period of minimum sunspots which is associated with the largest and most abnormal variations of meteorological conditions and actions. Thus, exceptionally heavy snow fell in the North-West Himalayas in the winter 1866, and again in 1876 and 1877. The latter is to some extent described in the annual reports on the meteorology of India for these two years. Again the more striking and disastrous famines of recent years in India have occurred near the period of minimum sunspots, as for example the Orissa famine of 1866, the Behar famine of 1874, and the Madras famine in 1876-77. Similarly, there is a clearly marked tendency for the largest and most intense cyclones to occur shortly before the period of minimum sunspots as, for example, the great Calcutta cyclone of 1864, in which 60,000 people were drowned by the storm wave, and the still larger Backerganj cyclone of 1876, in which 100,000 lives were lost by drowning. As we are now approaching or passing through the same phase of the sunspot period, it is interesting to enquire whether there are any large abnormal variations common to the present period of minimum sunspots and the previous corresponding periods of 1865-66 and 1876-77.

Pressure and Temperature.—The following tables give the pressure and temperature variations for the three periods for comparison:—

Pressure variations, 1865-66.

Division.	Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Bengal	1865	+ ·041	+ ·007	+ ·058	+ ·046	— ·032	— ·003	+ ·033	+ ·021	— ·022	+ ·001	— ·003	+ ·016	+ ·013
	1866	+ ·014	— ·009	— ·051	+ ·030	— ·037	— ·035	+ ·045	— ·018	— ·032	— ·009	+ ·035	+ ·061	— ·001
North West Provinces.	1865	+ ·044	+ ·037	+ ·096	+ ·027	— ·010	+ ·011	— ·009	+ ·027	— ·001	— ·008	— ·010	+ ·006	+ ·018
	1866	+ ·022	— ·006	+ ·036	+ ·026	— ·003	— ·027	+ ·017	+ ·028	— ·012	— ·011	+ ·033	+ ·039	+ ·012

Temperature variations, 1865-66.

Bengal	1865	+ 1·8	+ 0·8	— 1·1	— 0·1	— 2·6	+ 0·9	+ 0·4	+ 1·4	+ 0·9	+ 2·9	+ 1·5	+ 2·9	+ 0·8
	1866	+ 1·3	— 2·6	+ 3·4	— 0·5	+ 1·0	+ 1·2	— 0·4	— 0·2	+ 1·0	+ 0·4	+ 1·2	— 1·0	+ 0·4
North West Provinces.	1865	+ 1·9	+ 0·6	— 2·3	+ 3·6	— 1·0	+ 4·4	+ 4·4	+ 1·8	— 0·6	+ 0·8	— 2·0	+ 0·4	+ 0·9
	1866	+ 0·2	0	+ 3·3	— 3·5	+ 1·5	+ 1·3	+ 0·7	— 0·3	+ 0·9	+ 0·7	+ 1·5	— 0·8	— 0·5

Pressure Variations, 1876-77.

Bengal	1876	— ·036	— ·033	— ·022	— ·037	— ·014	+ ·011	— ·043	0	+ ·011	+ ·044	— ·038	+ ·023	— ·012
	1877	+ ·073	+ ·072	+ ·042	+ ·073	+ ·048	+ ·029	+ ·025	— ·027	+ ·048	+ ·065	— ·001	— ·012	+ ·037
North West Provinces.	1876	— ·037	— ·053	— ·012	— ·035	— ·029	— ·015	— ·049	— ·002	+ ·010	+ ·039	— ·043	+ ·015	— ·017
	1877	+ ·077	+ ·056	+ ·039	+ ·074	+ ·03[illegible]	+ ·038	+ ·023	— ·022	+ ·009	+ ·027	— ·009	— ·022	+ ·026
India	1876	— ·021	— ·017	— ·013	— ·034	— ·011	+ ·008	— ·027	— ·002	+ ·013	+ ·040	— ·026	+ ·024	— ·007
	1877	+ ·064	+ ·041	+ ·031	+ ·055	+ ·03[illegible]	+ ·036	+ ·037	+ ·002	+ ·035	+ ·042	+ ·005	— ·014	+ ·034

Temperature Variations, 1876-77.

Bengal	1876	+ 0·7	+ 0·4	+ 0·7	+ 0·9	+ 0·3	+ 0·7	— 0·6	— 0·3	— 0·4	— 1·9	— 1·2	— 1·2	— 0·1
	1877	+ 0·2	— 3·9	— 1·0	— 2·3	— 1·0	+ 0·4	+ 0·3	+ 0·4	+ 0·8	+ 0·4	+ 2·2	+ 1·1	— 0·2
North West Provinces.	1876	+ 1·2	+ 0·2	— 0·8	— 0·5	+ 1·0	+ 3·8	+ 0·4	+ 0·1	— 0·6	— 2·0	— 0·7	— 0·9	+ 0·1
	1877	+ 0·7	— 4·7	— 1·8	— 3·7	— 1·9	+ 1·6	+ 3·9	+ 5·8	+ 5·3	+ 1·4	+ 4·3	+ 0·2	+ 1·0
India	1876	+ 1·0	+ 0·2	+ 0·2	+ 0·3	+ 0·8	+ 1·6	— 0·1	+ 0·1	— 0·5	— 1·2	— 0·5	— 0·7	+ 0·1
	1877	+ 0·4	— 2·0	— 1·0	— 2·4	— 1·2	+ 0·6	+ 2·0	+ 2·2	+ 2·0	+ 0·6	+ 2·3	+ 1·4	+ 0·3

Pressure variations, 1887-88.

Bengal	1887	— ·072	— ·004	— ·035	+ ·031	— ·046	+ ·015	— ·017	+ ·031	— ·020	+ ·035	+ ·021	+ ·008	— ·004
	1888	+ ·029	— ·028	— ·004	— ·050	— ·019	— ·042	— 0 9	— ·051	+ ·038	+ ·038	+ ·002	...	...
North West Provinces.	1887	— ·083	— ·003	— ·040	+ ·022	— ·044	+ ·011	+ ·001	+ ·019	— ·002	+ ·028	+ ·032	+ ·014	— ·004
	1888	+ ·036	— ·014	— ·014	— ·056	— ·026	— ·009	— ·015	— ·029	+ ·044	+ ·048	+ ·005	...	...
India	1887	— ·072	+ ·003	— ·036	+ ·010	— ·022	+ ·003	— ·002	+ ·011	— ·001	+ ·017	+ ·020	+ ·002	— ·006
	1888	+ ·028	— ·017	+ ·003	— ·025	— ·009	— ·013	— ·002	— ·016	+ ·036	+ ·045	+ ·008	...	...

Temperature variations, 1887-88.

Division.	Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Bengal . .	1887	— 1·3	— 1·7	— 0·4	— 1·2	— 0·1	— 0·3	— 0·4	+ 0·1	+ 0·1	— 1·2	0	— 0·4	— 0·6
	1888	— 1·6	— 0·1	+ 0·8	...	...	...	...	...	...	...	...	...	...
North West Provinces.	1887	— 1·1	— 0·3	+ 0·3	— 0·8	+ 2·4	— 1·0	— 0·7	— 1·8	— 1·1	— 1·1	— 0·2	+ 0·7	— 0·4
	1888	— 3·1	— 0·6	+ 2·1	...	...	...	...	...	...	...	...	...	...
India . .	1887	— 0·7	— 0·5	— 0·2	— 0·2	+ 0·7	— 1·0	— 0·6	— 0·6	— 0·3	— 0·5	+ 0·3	+ 0·1	— 0·3
	1888	— 2·1	— 0·5	+ 1·2	...	...	...	...	...	...	...	...	...	...

Snow-fall.—The following gives data of the snow-fall in the Himalayan region during the same periods :—

Winter of 1865-66.—No records of the snow-fall of this winter have been preserved.

Winter of 1866-67.—This was a very severe winter in the North-West Himalayas. Snow fell at Simla on 3rd February 1867 to a great depth.

Winter of 1876-77.—Mr. Ryall, of the Trigonometrical Survey, thus describes the snow-fall in Gurhwal and Kumaon : "The winter of 1876-77 was one of the severest known for many years past amongst these hills. The spring was also cold and wet. Mountains, which in ordinary years have their snow lines at the end of April at the elevation of 12,000 feet above the level of the sea, were mantled with snow down to 9,000 feet, and valleys which at this time of the year are usually clear of snow up to 10,000 feet were literally choked with snow down to 6,000 feet, the accumulation in the valleys being caused by snow drifts and avalanches from the hills."

In Simla the winter of 1876-77 was the severest known since 1866. Several heavy snow storms occurred, and the snow completely blocked the thoroughfares.

Winter of 1877-78.—The snow-fall was excessive in the North-West Himalayas, more especially in Kashmir. The following gives an extract from a description by Mr. Lydekker of the Geological Survey :—

"Among the inhabitants of the Kashmir Himalayas the winter and spring of 1877-78 will long be memorable on account of the enormous quantity of snow which fell on these mountains and valleys, and still more on account of the grievous famine which followed this excessive snow-fall. So excessive was it that no tradition or record exists even amongst the oldest inhabitants of anything approaching to such a fall. It is extremely difficult to obtain from the natives any correct estimate as to the amount of snow which fell in any place, but at Dras, which is at an elevation of 10,000 feet, I estimated the snow-fall to have been from 30 to 40 feet thick. The effects of this enormous snow-fall were to be seen throughout the whole country. At Dras the well-built travellers' bungalow was crushed down by the weight of snow which fell on it. In the higher mountains whole hillsides have been denuded of vegetation and soil by the enormous avalanches which have fallen down on them, leaving great gaps in the primeval forests and choking the valleys with the debris of trees and rocks."

Winter of 1886-87.—The snow-fall reports of the cold weather season of 1876-77 established that—

1st.—The snow-fall in the hills to the west of the Punjab was unusually small in amount and the season exceptionally dry as compared with recent years.

2nd.—In the Western Himalayas (*i.e.* the Himalayas of the Punjab and North-West Provinces) the winter snow-fall was also much smaller than usual. The snow level in March and April was consequently considerably higher than is generally the case in these months, and the passes were open for traffic earlier than usual. The same appeared also to have been the case in Ladakh and in the mountain ranges to the north. Hence generally the snow-fall over the large mountain area to the north-east and east of the Punjab was considerably below the average amount of the season.

3rd.—The snow-fall in the Eastern Himalayas (*i.e.* of Sikkim, Bhotan, and Assam) was above the average, and the meteorological conditions and weather in that portion of the mountain area north of India were in marked contrast to those of the area further west. The excess in the snow-fall apparently increased in amount eastwards, and the fall in the East Assam Himalayas was so large as to block the passes and delay traffic across them at least a fortnight. So far as can be judged, the heavy snow-fall occurred chiefly during the earlier winter months, November to March, and not in April or May.

Winter of 1887-88.—The snow-fall reports received during the cold weather of 1887-88 established :—

1st.—That the snow-fall over the greater part of the Afghan mountain tract and the North-West Himalayan area was much smaller than the normal. The extent and depth of snow on the Himalayas at the end of the winter were less than they had been at the same date of the previous five or six years. The depth of snow on the higher passes in the North-West Himalayas at the end of April 1888 was even smaller than at the end of April 1887, and the depth of the Upper Indus, Sutlej, and other Punjab rivers, was unusually small in May.

2nd.—The snow-fall during the winter in the Eastern Himalayas was normal or slightly below the average.

Droughts and Famines.—The following table, extracted from the report of the Famine Commission, gives the more important droughts and famines which have occurred during the past 23 years :—

Droughts and Famines.

Year.	Area of Drought.	Area of Famine or Scarcity.
1865	Drought in northern part of Madras, in South Hyderabad and north part of Mysore, in South Mahratta districts of Bombay, in Orissa and Behar and all Western Bengal.	
1866	.....	Famine in Ganjam and Bellary districts of Madras, in Orissa (intense) and in Behar. Scarcity in all adjacent parts of Madras, Mysore, Hyderabad and Bombay, and in Central and Western Bengal.

Year.	Area of Drought.	Area of Famine or Scarcity.
1868	Drought in Rajputana, trans-Jumna districts of North-Western Provinces, North and South-East districts of Central Provinces, and in Punjab, from Jumna to Indus.	
1869	.....	Famine in Western Rajputana (intense), in trans-Jumna districts of Allahabad and Delhi and Hissar divisions of Punjab. Scarcity in adjacent parts of North-Western Provinces and Punjab, in Guzerat, Cutch and North Deccan, and in the north and south-east districts of Central Provinces.
1873	Drought in North Behar and a part of North-Western Provinces and Oudh.	
1874	.....	Famine in Behar and scarcity in the strip of North-Western Provinces and Oudh adjacent.
1876	Drought in all Madras and Deccan, Mysore and south part of Hyderabad.	
1877	Drought in Central Provinces, North-Western Provinces and Punjab.	Famine in Madras, Mysore, Bombay, and Hyderabad.
1878	.....	Famine in North-Western Provinces and Kashmir, scarcity in Punjab.

It is not necessary to discuss these comparative tables, as a brief examination will show, that, although each period of minimum sun spots was one of large abnormal variations of meteorological conditions, there is no large variation common to all the three periods. Hence it is very probable, if not quite certain, that the larger changes and abnormal features of weather in India are not connected with the sun spot periodicity by a simple and direct relation.

The chief features of the cold weather of 1887-88 in Northern India were very marked. The most important was the contrast between the heavy snow-fall of the Eastern Himalayas and the deficient snow-fall of the Western Himalayas, and also between the excess cold weather rainfall of Bengal and Assam, and the deficient rainfall of the Punjab, Rajputana and North-Western Provinces during the same period. This contrast implies a difference of local conditions and actions, and cannot be ascribed to any general action such as increased solar activity.

The south-west monsoon current of the year 1886 in the Arabian Sea was feeble. It gave more or less deficient rain to the Central Provinces and the whole of Western India. It also withdrew from Upper India earlier than usual. The Bengal current on the whole was of normal strength throughout. It retreated somewhat earlier than usual from Northern India, and was feeble in the south and centre of the Bay during the months of October and November. This was shewn partly by the formation of a succession of storms (formed after prolonged breaks in the north-east monsoon rains of the Carnatic, and are therefore an indication of a weak rather than of a strong steady current), partly by the deficient rainfall during these months in Southern India, and partly by the early final retreat of the current from the Bay in the beginning of December. Reasons were given in last year' report for the assumption that an early retreat of the south-west monsoon would probably be followed by a stronger north-east monsoon circulation and by heavier cold weather rainfall in Northern India and snow-fall in the Himalayan area than usual. The distribution of the rain and snow-fall would depend to a large extent upon the local conditions and anomalies then prevailing.

The first cold weather rains occurred in the Punjab and North-West Provinces on the 22nd of December 1886, and were hence somewhat earlier than usual. The figures given in the first column of Table XXXI, page 248, indicate that from December 15th to

March 1st, the period of the cold weather rains proper, the total rainfall was in excess. This is also shewn more fully by the following data for Northern India :—

Stations.	1886.	1887.		Total Variation for 3 months.	Average Total Rai fall of period.	Percentage Variation.
	December Variation.	January. Variation.	February. Variation.			
					Inches.	
Leh	— 0·03	+ 0·21	— 0·16	+ 0·02	0·55	+ 4
Simla	+ 0·20	+ 4·07	— 2·31	+ 1·96	6·69	+ 29
Dharmsala	— 0·40	+ 5·39	— 3·95	+ 1·04	11·51	+ 9
Lahore	— 0·39	— 0·28	— 1·08	— 1·75	2·25	— 78
Ludhiana	— 0·21	+ 1·58	— 1·17	+ 0·20	3·46	+ 6
Rawalpindi	+ 1·43	— 1·84	— 1·80	— 2·21	5·40	— 41
Murree	+ 1·28	+ 0·86	— 2·37	— 0·23	7·27	— 3
Ulwur	— 0·46	+ 1·32	— 0·36	+ 0·50	1·21	+ 41
Sutna	+ 0·86	+ 3·80	— 0·51	+ 4·15	1·92	+ 216
Rewah	+ 0·62	+ 3·71	— 0·81	+ 3·52	2·16	+ 163
Mussooree	+ 0·66	+ 2·91	— 2·11	+ 1·46	6·29	+ 23
Almora	— 0·63	+ 2·14	— 1·84	— 0·33	4·43	— 7
Bareilly	— 0·29	+ 2·25	— 0·73	+ 1·23	2·07	+ 59
Allahabad	+ 1·91	+ 1·37	— 0·40	+ 2·88	1·42	+ 202
Katmandu	— 0·12	+ 1·36	— 1·06	+ 0·18	2·12	+ 8
Durbhunga	+ 0·38	+ 1·22	— 0·45	+ 1·15	1·16	+ 99
Monghyr	— 0·11	+ 2·42	— 0·66	+ 1·65	1·22	+ 135
Sirguja	— 0·36	+ 4·72	— 0·23	+ 4·13	1·98	+ 209
Baxa	+ 0·30	+ 3·52	— 0·64	+ 3·18	2·61	+ 122
Rungpore	— 0·10	+ 2·09	— 0·39	+ 1·60	0·96	+ 167
Cherra Poonjee	— 0·26	+ 3·50	— 2·46	+ 0·78	3·55	+ 22
Jubbulpore	+ 0·13	+ 3·31	— 0·46	+ 2·98	1·42	+ 210
Sibsagar	+ 0·20	+ 1·58	— 1·50	+ 0·28	3·90	+ 7
Gauhati	— 0·06	+ 1·56	— 0·86	+ 0·64	1·81	+ 35

These figures hence shew that the cold weather rainfall was more or less in excess over the whole of Northern India, and that the excess was, proportionately to the average rainfall of the period, much greater in the Central Provinces, Behar, Bengal and Assam than in Upper India. There are no exact data of the amount of the snow-fall on the adjacent higher Himalayan regions, but a similar relation appears to have held in that feature between the Eastern and Western Himalaya. The cause of this abnormal distribution is almost certainly to be found in the pressure anomalies of the period.

In December there was a large local deficiency of pressure at Leh and Kailang, and it is probable that the deficiency extended westwards. This is confirmed to some extent by the relative deficiency at Darjeeling. This variation indicates a condition which would almost certainly be accompanied by a greater amount of westing in the upper south-west return current of the north-east monsoon period. Whether this was the main feature in determining heavier rain and snow-fall to the eastern portion than to the western portion of Northern India and the Himalayan regions can at present only be a matter of conjecture. It, however, appears to me, from comparison with the distribution of rainfall accompanying a similar distribution of pressure in the south-west monsoon period, to be very probable.

There are, it may be here pointed out, certain interesting relations between the varia-

tions of pressure in the upper and lower atmospheric strata in India which have not, so far as I am aware, yet been fully discussed. Theory suggests that in the cold weather increased pressure on the plains of Northern India would usually accompany a similar effect on a diminished scale in the upper atmospheric strata, and hence in such a case the differences of pressure between hill stations and the neighbouring plain stations would be greater than usual. If we call the algebraic difference of the actual and average difference of pressure between a hill and adjacent plain station the vertical pressure anomaly, then in this case the vertical pressure anomalies would be positive. The effect of such a variation in the vertical distribution of pressure would be to increase the gradients in the lower strata and to diminish them in the upper strata. Similarly, diminished pressure in the lower strata would usually accompany a greater diminution of pressure in the higher strata, so that the gradients would in this case be diminished in the lower, whilst they would be increased in the upper strata, and the vertical pressure anomalies would be positive. In other words, the dynamical conditions in the lower and upper portions of the north-east monsoon or cold weather atmospheric circulation are usually opposed to each other, and a general action, tending to increase or diminish the air movement at the level of the plains of Northern India, would produce an opposite disturbing effect in the upper atmospheric strata at and above the level of the hill stations. Similar general relations will also probably hold at the same season of the year in Southern India, but to a less extent. It should, however, be remembered that the actual or observed conditions in Southern India will frequently be opposite in character to those in Northern India, as the small variations or anomalies in tropical and extra-tropical India are, as a rule, of opposite sign.

The month of January 1887, for example, was characterized by very deficient pressure over the whole of India, averaging (·077″). The following gives data for the hill stations in Northern and Southern India:—

Position.	Hill station.	Actual anomaly.	Nearest plain station.	Actual anomaly.	Vertical pressure anomaly.
Afghanistan	Quetta	—·100	Jacobabad	—·072	+·028
North-West Himalaya	Murree	—·107	Rawalpindi	—·072	+·035
	Leh	—·145	Sialkot	—·097	+·048
	Simla	—·108	Ludhiana	—·084	+·024
	Kailang	—·102	Lahore	—·077	+·025
	Chakrata	—·101	Roorkee	—·089	+·012
	Ranikhet	—·096	Bareilly	—·085	+·011
Central Himalaya	Katmandu	—·113	Durbhunga	—·077	+·036
	Darjeeling	—·083	Dhubri	—·082	+·001
Western India	Mount Abu	—·086	Deesa	—·080	+·006
Peninsular India	Chikalda	—·083	Amraoti	—·080	+·003
	Wellington	—·013	Coimbatore	—·061	—·048
Ceylon	Newera Eliya	—·007	Colombo	—·048	—·041

These relations or vertical pressure anomalies hence conform to those indicated in the preceding statement based on theory. The gradients were less than usual over the lower

atmospheric strata, whilst they were greater than usual on the upper strata by the double effect of a negative vertical anomaly at the southern limits and a positive anomaly at the northern limits of the area under consideration.

The vertical pressure anomalies of the month of February 1887 are examples of opposite conditions to those of the preceding month. Frequent and heavy rain fell during the month of January, and the weather did not clear until the end of the first week of February. The effect of more or less persistent rain in India is undoubtedly to exhaust moisture in the air for some time afterwards, and hence to be followed by breaks during the rains and very fine dry weather in the cold season. An even more important effect of rainfall in India is the reversal of the barometric anomalies existing previous to its occurrence. If these be small and the rainfall prolonged, the reversal may be permanent. If not, the reversal only lasts for some time, when the permanent actions that produced the anomalies reproduce them again in a short time. In accordance with this principle, the damp rainy weather of January 1887 was followed by dry weather in February, and by an almost complete reversal of the pressure anomalies. The following data illustrate this statement:—

Position.	Hill Stations.	Actual anomaly.	Nearest plain Station.	Actual anomaly.	Vertical pressure anomaly.
Afghanistan	Quetta	+·009	Jacobabad	—·002	—·011
North-West Himalaya.	Murree	+·018	Rawalpindi	+·013	—·005
	Leh	+·020	Sialkot	—·008	—·028
	Simla	—·004	Ludhiana	—·005	—·001
	Kailang	+·039	Lahore	—·002	—·041
	Chakrata	+·007	Roorkee	—·010	—·017
	Ranikhet	—·016	Bareilly	—·011	+·005
Central Himalaya	Katmandu	—·028	Durbhunga	—·007	+·021
	Darjeeling	+·004	Dhubri	—·013	—·017
Western India	Mount Abu	+·013	Deesa	+·011	—·002
Peninsular India	Chikalda	+·008	Amraoti	+·017	+·009
	Wellington	+·026	Coimbatore	+·010	—·016
Ceylon	Newera Eliya	+·007	Colombo	+·005	—·002

It will thus be seen that the actual anomalies are generally opposite in character to those given in the preceding table, and are much smaller in amount. These anomalies would evidently accompany a somewhat stronger and steadier lower atmospheric current than usual and a weaker current in the higher strata. The former was certainly the case, as a reference to the discussion on the winds of the month in pages 113 to 115 will shew.

The variations of pressure discussed in the previous three paragraphs during the cold weather months are mainly produced in the atmosphere in Upper India, the strata of which are subjected to rapid cooling in such a manner that the cooling taking place to a much greater extent in the lower than the higher atmospheric strata. This was shewn in the summary at the end of last year's report. The conditions begin to be reversed at the end of February, when temperature begins to increase rapidly and hot weather conditions gradually set in. As the temperature relations from March to May or June are the reverse of those in the cold weather (the heating effects being greatest in the

lower atmospheric strata), the general character and relation of the pressure anomalies in the upper and lower atmospheric strata of the hot weather should theoretically be opposite to those of the cold weather, *e.g.* diminished pressure in the lower strata will accompany smaller diminished pressure in the upper strata, and excessive pressure in the lower, usually accompany a greater excess of pressure in the upper strata.

Hence the general tendency of the vertical pressure anomalies to be positive in the cold weather months and negative in the hot weather months.

The following data for the months of March, April, and May illustrate these relations:—

MARCH 1887.

Position.	Hill Station.	Actual anomaly.	Nearest plain Station.	Actual anomaly.	Vertical pressure anomaly.
Afghanistan	Quetta	—·038	Jacobabad	—·065	—·027
North-West Himalaya	Murree	—·047	Rawalpindi	—·066	—·019
	Leh	—·045	Sialkot	—·081	—·036
	Simla	—·046	Ludhiana	—·077	—·031
	Kailang	—·021	Lahore	—·074	—·053
	Chakrata	—·035	Roorkee	—·058	—·023
	Ranikhet	—·033	Bareilly	—·044	—·011
Central Himalaya	Katmandu	—·035	Durbhunga	—·036	—·001
	Darjeeling	—·025	Dhubri	—·031	—·006
Western India	Mount Abu	—·035	Deesa	—·046	—·011
Peninsular India	Chikalda	—·046	Amraoti	—·041	+·005
	Wellington	—·004	Coimbatore	—·023	—·019
Ceylon	Newera Eliya	—·007	Colombo	—·017	—·010

APRIL 1887.

Position.	Hill Station.	Actual anomaly.	Nearest plain Station.	Actual anomaly.	Vertical pressure anomaly.
Afghanistan	Quetta	—·017	Jacobabad	—·007	+·010
North-West Himalaya	Murree	+·041	Rawalpindi	+·015	—·026
	Leh	+·050	Sialkot	+·004	—·046
	Simla	+·009	Ludhiana	+·015	+·006
	Kailang	+·012	Lahore	+·013	+·001
	Chakrata	+·016	Roorkee	+·014	—·002
	Ranikhet	+·010	Bareilly	+·019	+·009
Central Himalaya	Katmandu	+·027	Durbhunga	+·041	+·014
	Darjeeling	+·019	Dhubri	+·042	+·023
Western India	Mount Abu	+·012	Deesa	—·009	—·021
Peninsular India	Chikalda	+·001	Amraoti	+·011	+·010
	Wellington	+·011	Coimbatore	—·010	—·021
Ceylon	Newera Eliya	—·007	Colombo	—·002	+·005

MAY 1887.

Position.	Hill Station.	Actual anomaly.	Nearest plain station.	Actual anomaly.	Vertical pressure anomaly.
Afghanistan	Quetta	—·012	Jacobabad	—·047	—·035
North-West Himalaya	Murree	—·013	Rawalpindi	—·072	—·059
	Leh	+·022	Sialkot	—·085	—·107
	Simla	—·006	Ludhiana	—·063	—·057
	Kailang	+·006	Lahore	—·072	—·078
	Chakrata	—·011	Roorkee	—·060	—·049
	Ranikhet	—·034	Bareilly	—·056	—·022
Central Himalaya	Katmandu	—·013	Durbhunga	—·049	—·036
	Darjeeling	—·004	Dhubri	—·034	—·030
Western India	Mount Abu	+·018	Deesa	—·017	—·035
Peninsular India	Wellington	+·023	Coimbatore	—·004	—·027
Ceylon	Newera Eliya	+·017	Colombo	+·027	+·010

It is of course not intended to lay down the relations stated above, and confirmed by the data of the tables as absolute rules true under all conditions, for in atmospheric phenomena what may be termed primary and secondary actions are generally opposed to each other and combine occasionally to give resultant effects opposite to what might be at first sight supposed.

It has been already stated above that the effect of the hot weather is to increase and develope anomalies, whilst the effect of the rains is to smooth them away or reverse the anomalies existing previously to the rainfall. The following table shews these effects in the months of January, February, March, April and May 1887:—

Provinces.	January.	February.	March.	April.	May.
Punjab	—·008	—·001	—·035	+·002	—·045
North-Western Provinces	—·011	—·006	—·004	+·012	—·022
Rajputana	—·006	—·001	—·005	—·007	+·003
Bengal	0	—·007	+·001	+·021	—·024
Assam	—·002	—·013	+·014	+·024	—·022
Central Provinces	—·007	+·011	—·007	—·008	—·009
Burma	—·002	—·016	+·010	—·005	—·010
Bombay Coast	+·024	+·020	+·016	—·011	+·049
Bombay, Deccan	+·016	+·020	+·010	—·013	+·038
Madras, North	+·010	+·009	0	—·001	—·005
Madras, South	+·021	+·002	+·008	—·010	+·030
Ceylon	+·023	—·002	+·015	—·014	+·035
Bay Islands	+·011	—·021	+·003	—·008	+·020

These figures are very instructive, more especially the anomalies of April as contrasted with those of March or May.

It has already been stated that there was heavy rain in the latter part of March. This rainfall was exceptionally heavy in Assam and Bengal. As pointed out in page 86, one effect of this heavy rainfall was to reverse over the greater part of the country the barometric or pressure anomalies, and the change was very marked in Bengal and Assam. These results of the rainfall of the last week of March were, however, not permanent. Hot weather conditions were shortly afterwards re-established and were present in somewhat exaggerated form during the latter half of April and in May, and reversed the anomalies established after the rainfall of the last week of March, and reproduced the same in general character as those of March but considerably larger in amount. The permanent and most marked effect of the hot weather of 1887 on the pressure was hence an increase of the depression previously existing in the Punjab and North-West Provinces and also of that in the Central Provinces and in North Madras (including Hyderabad). It also considerably increased the excess of pressure previously existing in the Bombay coast districts and Deccan from an average of + ·013″ in March to an average of + ·044″ in May and in South Madras from +·008″ to +·030″ during the same period.

The following give the abnormal variations during the months of June to September :—

Provinces.	June.	July.	August.	September.
Punjab	+·003	+·003	—·001	+·002
North-West Provinces	+·008	+·003	+·008	—·001
Rajputana	—·002	—·001	—·003	+·009
Bengal	+·012	—·015	+·020	—·019
Assam	+·003	—·017	+·017	—·031
Central Provinces	—·006	—·008	—·001	+·007
Burma	—·006	—·024	+·002	—·022
Bombay Coast	—·007	+·022	+·002	+·025
Bombay, Deccan	—·009	+·009	—·006	+·007
Madras North	—·005	+·002	—·002	—·002
Madras South	+·001	+·018	—·013	+·002
Ceylon	—·002	+·012	—·018	—·002
Bay Islands	+·009	+·003	+·004	+·003

A comparison of the provincial variations of May with September shews that there were nine variations of ·02″ or upwards in May and only three in September. The average arithmetical mean of the variations in May was ·024″ and in September ·010,″ or less than half that of May. This is another illustration of the effect of prolonged rainfall in smoothing down pressure irregularities.

The following relations indicated by the figures in the two preceding tables also appear to deserve mention :—

1st.—There was a small but permanent deficiency of pressure throughout the rains in the Central Provinces, North Madras, Rajputana and the Punjab either absolutely, or relatively to neighbouring districts. These anomalies were apparently the continuation of the larger deficiency of pressure in these areas which prevailed before the setting-in of the south-west monsoon.

2nd.—The oscillatory character of the anomalies of several districts, more especially the coast districts of Bombay and Bengal.

Hence, on the whole, it is evident that the anomalies diminished in amount after the rains set in, but were unaltered in general character during the whole period from June to September.

One point which has been frequently brought into notice in previous annual reports is the remarkable persistency of many of the barometric anomalies or variations. This implies a more or less permanent modification of the air movement over the area of abnormal pressure conditions, which is in part a product and in part a cause of the permanence of the anomalous pressure distribution. Whether this modification of the winds takes place only in the lower strata or whether it may occur in the upper strata as part of the general modification, or independently of that of the lower, are points for the determination of which there are not yet sufficient data. It will suffice to take one of several cases, referred to in the body of the present report on the meteorology of the year 1887, to illustrate this feature of Indian meteorology.

It has already been pointed out that the observations of the Bengal stations shew that during the greater part of the year there was a very persistent relative excess of pressure in the area represented by the station of Saugor Island. The following statement gives the pressure variations for the months of May to October at that observatory and the neighbouring stations :—

Stations.	May.	June.	July.	August.	September.	October.
Berhampore	—·044	+·013	—·013	+·030	—·018	+·036
Calcutta	—·052	+·015	—·020	+·025	—·020	+·031
Saugor Island	—·049	+·025	—·012	+·037	—·009	+·046
False Point	—·059	+·006	—·015	+·032	—·003	+·038
Vizagapatam	—·073	—·005	—·019	+·007	—·006	+·027
Jessore	—·040	+·013	—·019	+·034	—·026	+·036
Dacca	—·041	+·011	—·020	+·029	—·028	+·032

The relation indicated in the preceding table is more clearly shewn in the following table, in which are given the variations of the neighbouring stations relative to Saugor Island. These are, of course, obtained by applying the variations of that station reversed in sign to the variations of the remaining stations :—

Stations.	May.	June.	July.	August.	September.	October.
Berhampore	+·005	—·012	—·001	—·007	—·009	—·010
Calcutta	—·003	—·010	—·008	—·012	—·011	—·015
Saugor Island	0	0	0	0	0	0
False Point	—·010	—·019	—·003	—·005	+·006	—·008
Jessore	+·009	—·012	—·007	—·003	—·017	—·010
Dacca	+·008	—·014	—·008	—·008	—·019	—·014
Vizagapatam	—·024	—·030	—·007	—·030	+·003	—·019

This table shews the remarkable persistency of the positive anomaly of Saugor Island during the whole period.

[The following statement, giving the figures of the first of those two tables of barometric variations in a slightly different form, shews the oscillatory nature of the changes in the abnormal variations during the period at these stations :—

Stations.	Change from May to June.	June to July.	July to August.	August to September.	September to October.
Berhampore	+·057	—·026	+·043	—·048	+·054
Calcutta	+·067	—·035	+·045	—·045	+·051
Saugor Island	+·074	—·037	+·049	—·046	+·055
False Point	+·065	—·021	+·047	—·035	+·041
Vizagapatam	+·068	—·014	+·026	—·013	+·033
Jessore	+·053	—·032	+·053	—·060	+·062
Dacca	+·052	—·031	+·049	—·057	+·060

These figures are given as a very remarkable illustration of the monthly oscillations which were very prominent during the past year. The oscillatory character of the great majority of what appear to be, at first sight, irregular changes, is a point of primary importance in the meteorology of India, as it clearly indicates that they are due, not to irregular disturbance or to the passage of cyclonic depressions, but to slow vertical oscillatory movements and changes in the atmosphere.]

The seven stations, the barometric data of which are given in the three preceding tables, are, it may be remarked, amongst the best of our observatories and hence their observations may be accepted as thoroughly trustworthy. The results are remarkably consistent and hence indicate that they represent real (although very small) variations due to abnormal atmospheric conditions and motion. The most marked feature is undoubtedly the local excess at Saugor Island relatively to neighbouring stations, but more especially Calcutta, Dacca, and False Point. This distribution of pressure is equivalent to super-imposing a small anti-cyclonic distribution upon the normal distribution. The effect of such a persistent distribution super-imposed upon the normal circulation due to the normal conditions of pressure would be to give less westing than usual to the southerly winds in the southern quadrant or near the Head of the Bay and less easting (or greater westing) to the winds in the northern quadrant or in Central and Southern Bengal. The following table gives data for the average direction of the air movement at the same stations in Bengal during the same period :—

Stations.	June.			July.			August.			September.		
	Actual mean wind direction.	Normal mean wind direction.	Variation.	Actual mean wind direction.	Normal mean wind direction.	Variation.	Actual mean wind direction.	Normal mean wind direction.	Variation.	Actual mean wind direction.	Normal mean wind direction.	Variation.
Saugor Island	S 5° W	S 15° W	10° less westing.	S 17° W	S 24° W	7° less westing.	S 2° E	S 17° W	19° excess easting.	S 23° W	S 4° W	19° excess westing.
False Point	S 19° W	S 45° W	26° less westing.	S 49° W	S 59° W	10° less westing.	S 8° W	S 57° W	49° less westing.	S 34° W	S 25° W	9° excess westing.
Calcutta	S 3° W	S 4° E	7° excess westing.	S 8° E	S 11° E	3° less easting.	S 1° E	S 17° E	16° less easting.	S 5° W	S 27° E	32° excess westing.
Dacca	S 6° W	S 16° E	22° excess westing.	S 26° E	S 19° E	7° excess easting.	S 9° E	S 14° E	5° less easting.	S 1° E	S 11° E	10° less easting.
Berhampore	S 1° E	S 33° E	32° less easting.	S 72° E	S 41° E	31° excess easting.	S 18° E	S 40° E	22° less easting.	S 9° W	S 41° E	50° excess westing.
Burdwan	S 9° E	S 18° E	9° less easting.	S 40° E	S 27° E	13° excess easting.	S 15° E	S 30° E	15° less easting.	S 13° E	S 31° E	18° less easting.

The preceding table shews that the variations in the mean wind directions were, on the whole, in accordance with the conclusions deduced from theory. The occasional exceptions were in part due to the passage of cyclonic storms originating in East Bengal through Bengal, more especially in the month of July.

The following gives the rainfall data for the same stations:—

Stations.	June.	July.	August.	September.	Total.	Relation to whole of Bengal.
Saugor Island	—2·68	+3·62	—3·41	+0·58	— 1·89	+4·09
False Point	—7·05	—2·05	—2·56	—0·65	—12·31	—6·33
Calcutta	—3·28	+4·85	—3·24	—0·35	— 2·02	+3·96
Dacca	—4·81	+1·06	—2·90	—4·54	—11·19	—5·21
Berhampore	—0·68	+2·04	—0·45	—0·16	+ 0·75	+6·73
Burdwan	—6·59	—0·07	—0·84	+0·70	— 6·80	—0·82

It is of course not possible to deduce the relations of the rainfall variations to the other anomalies from the rainfall data of so small a number of stations. They indicate that there was throughout the whole period a general deficiency of rain over the area and that the deficiency was least marked near the centre and to the north of it. The rainfall variations were hence as marked as the other anomalies.

In the previous remarks the more important features of the meteorology of the year have been stated, and certain relations between some of the larger and more important variations of pressure in the higher and lower atmospheric strata suggested. The parts played by prolonged hot weather conditions and by rainfall in modifying the pressure anomalies have also been indicated.

It remains to point out the chief relations holding between the pressure anomalies at the commencement of the south-west monsoon and the distribution of the monsoon rainfall.

It has been shewn that the larger pressure anomalies established and intensified during the hot weather were maintained and continued until nearly the end of the rains, when a large and rapid change occurred. It is hardly too much to say that one of the most important and striking features in Indian meteorology is the remarkable persistency of the barometric variations or pressure anomalies. They are generally small in amount, but their duration amidst all the large changes of weather in India indicates most clearly that they represent real and important variations of conditions, more especially of the direction, extent, and intensity of the atmospheric currents prevailing in India. The persistency of the pressure anomalies is almost certainly due to the fact that an abnormal variation of pressure in a moving mass of air necessarily gives rise to, or accompanies, a modification of its motion, and, in consequence of well known properties of fluid motion, this changed or modified air motion tends to perpetuate, rather than to remove, the pressure variation or disturbance which gave rise to it. And in the case of the atmosphere, the modified air motion also gives rise to variations in the distribution of the rainfall which exert a powerful influence in continuing and increasing the previous pressure conditions and anomalies, so long as the rainfall lasts.

Experience (confirmed to some extent by theory) hence appears to have established :—

1st.—That in India the larger and more important variations of atmospheric conditions are remarkably persistent.

2nd.—That these abnormal conditions imply more or less prolonged variations in the air motion and that on the whole the most satisfactory method of ascertaining these areas of abnormal conditions is by means of the pressure anomalies.

3rd.—That the larger pressure anomalies are chiefly due to hot weather actions, but also in part to the amount and distribution of the winter snow-fall in the Himalayan region.

4th.—That an important after-effect of prolonged rainfall is to smooth away or reverse the pressure anomalies existing previously to the rainfall.

5th.—That the pressure anomalies established in April and May modify the direction and strength of the monsoon currents when they set in at the end of May or beginning of June, and thus exercise a very important influence in determining the distribution of the subsequent south-west monsoon rainfall. Hence they may be utilised to give a more or less accurate view of the general distribution of the rainfall of the subsequent south-west monsoon period.

We propose to apply briefly these principles to the hot weather and rainy season of 1887, or in other words, to ascertain whether the barometric anomalies of the hot weather were continued throughout the rains and were related in the manner indicated above to the distribution of the rainfall of the south-west monsoon period, June to September. It is shewn in pages 268-69 that the general character of the anomalies remains unchanged from May to September, the chief features being deficient pressure in Northern and Central India, more especially the Central Provinces and Punjab, and excessive pressure in the Deccan. After the rains proper terminated a rapid change occurred which had a considerable influence in determining the rainfall of the north-east monsoon, as is shewn in a subsequent paragraph.

The prevalence of low pressure conditions in Northern and Central India and high pressure conditions in the Deccan would be equivalent to the superposition of a cyclonic system in Northern India and an anti-cyclonic system in Southern India upon the normal conditions. This would evidently give a much stronger and more direct westerly tendency to the winds across the northern half of the Peninsula and Central India than usual. This was pointed out in the discussion on the winds of the year as a very prominent feature of the air movement during the monsoon. This, together with the low pressure conditions in the Central Provinces and Central India, would tend to give heavier rainfall than usual across the head of the Peninsula and in Central India and South Rajputana. Again, the same distribution of pressure in Northern India would tend to give a more northerly character to the winds at the head of the Arabian Sea, and hence winds partaking rather of the character of land than of sea breezes to Sind, Cutch, Kathiawar and perhaps Guzerat. This modification of the air motion would evidently tend to give diminished rainfall during the monsoon to those districts.

The high pressure conditions in the Deccan would (on the assumption of normal conditions in the sea area off the Bombay coast) be evidently equivalent to an obstacle to be overcome by the westerly winds. It would (on the assumption of normal

conditions in the Arabian Sea) occasion increased rainfall on the western side of the West Ghats and coast area, whilst in the Deccan it would probably cause a diminution of rainfall. The low pressure area in North-East Madras would tend to cause increased indraught and rainfall from the Bay of Bengal to the Central Provinces.

The Bay of Bengal current, which is of smaller extent and volume than the Bombay current, would, under the action of low pressure in Burma and the easterly tendency of the Bombay current, also exhibit the same tendency. This was very marked during nearly the whole of the monsoon period, as has been shewn in the discussion under the heading of winds.

In Northern India there was slightly increased pressure in Assam, and over the whole area from Bengal to the Punjab, deficient pressure, the amount of which increased westwards. The tendency of this distribution would undoubtedly be to draw the Bengal current westwards and to give excessive rain over the Gangetic plain and Punjab at perhaps the expense of Assam, North and East Bengal.

It has been pointed out that the north-east monsoon rains of the months of October, November, and December were extremely favourable in Southern India.

An examination of the conditions prevailing in Southern India in September and October appears to indicate that the anomalies of the land area are less influential in determining favourable or unfavourable rainfall, and that the conditions in the Sea or Bay area are the chief factors upon which the early or late withdrawal of the south-west monsoon from the Bay depends mainly. The following table gives the anomalies during the period October to December :—

Provinces.	October.	November.	December.
Punjab	—·004	0	+·008
North-West Provinces	+·011	+·012	+·012
Rajputana	+·002	+·004	0
Bengal	+·018	+·001	+·006
Assam	+·005	—·001	—·001
Central Provinces	+·004	—·003	+·005
Burma	+·004	—·004	—·006
Bombay Coast	—·010	—·003	—·006
Bombay Deccan	—·010	—·002	—·002
North Madras	+·001	—·002	0
South Madras	—·014	—·003	—·018
Ceylon	—·018	—·003	—·026
Bay Islands	+·003	+·004	—·015

As already pointed out, the anomalies of October were the reverse in general character to those which had prevailed during the hot weather and rains. This reversal commenced to shew itself at the end of the rains in the third and fourth weeks of September, and was apparently an after-effect of the south-west monsoon rains, and is in accordance with the general rule respecting the effect of prolonged rainfall on the anomalies.

Pressure was more or less in excess over the whole of Northern India from the end of September to the end of the year. It was steadily in defect in Bombay, the Bombay Deccan and North Madras. It was in excess in Burma, the Andamans and Nicobars. The combination of high pressure on the east of the Bay and of low pressure in the west of the Bay and in the Deccan would undoubtedly favour the determination of the reversed humid winds across the centre of the Bay into the Peninsula. It has already been pointed out that there was a remarkable absence of cyclonic storms in the Bay during this period, so that these anomalies represent persistent and permanent features and were not due to large cyclonic disturbances. It was also stated that the storm of the first and second weeks of October was comparatively feeble and formed in the south of the Bay, thus indicating the absence of favourable conditions at the end of the rains to the formation of cyclonic storms in the north and centre of the Bay. The area of favourable conditions for cyclonic formation was, at the very commencement of the north-east monsoon, in the south of the Bay, and as shewn by the distribution of pressure during the latter half of October, and in November and December, the area of favourable conditions in the south-west of the Bay between Ceylon and the Coromandel Coast. Here, however, in consequence of the neighbourhood of the land, the conditions are extremely unfavourable to the path of cyclonic circulation. Several slight depressions formed during that period in that area, weather became squally on each occasion and winds of indraught were established; but no further development took place, and after three to five or six days of such weather the depression filled up. It was the easterly and north-easterly humid winds in the northern quadrants of these depressions and undeveloped cyclonic storms which gave the general and favourable rain to Southern India between October and December 1887.

EXPLANATION OF THE PLATES.

PLATE I.—*Frontispiece.*—A chart of India, shewing the positions of the meteorological observatories and rain-gauge stations in 1887.

PLATES II to IV.—Charts shewing the mean distribution of temperature and pressure, and the resultant wind directions in each month of 1887.

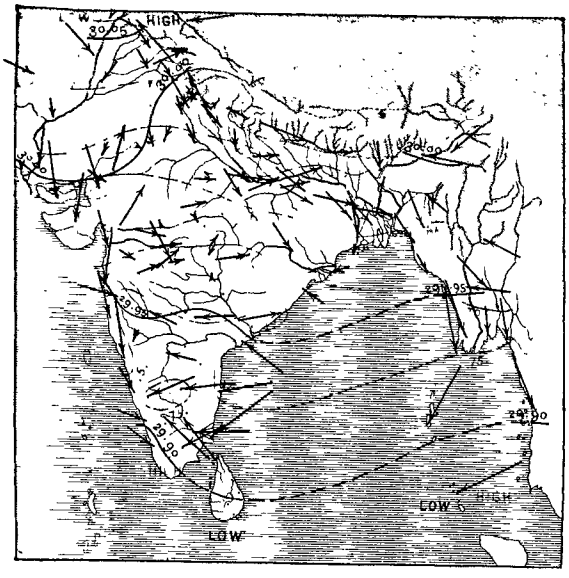
TEMPERATURE.—The data for the isotherms are given in Table VI of the Appendix. The isotherms (in red) represent increments of 5° Fahrenheit, and the figures, indicating their respective values, are placed on the side of the higher temperature.

PRESSURE.—The data for the isobars are given in Table VIII of the Appendix. The isobars (in blue) are given for each twentieth of an inch, and their values are marked by the figures on the side of the higher pressure.

WIND DIRECTIONS.—These are the resultants computed by Lambert's formula from the observations, an equal value being assigned to each. Their values are given in Table IX of the Appendix. The arrows shew the direction of the resultant, the point of the arrows indicating the station, and by their respective lengths, the percentage of the observations expressing the numerical value of the resultant in each case, five-eighths of an inch being equal to 100 per cent.

PLATE V.—Chart shewing the tracks of the storms originating in the Bay of Bengal and the Arabian Sea in 1887.

JANUARY 1887.



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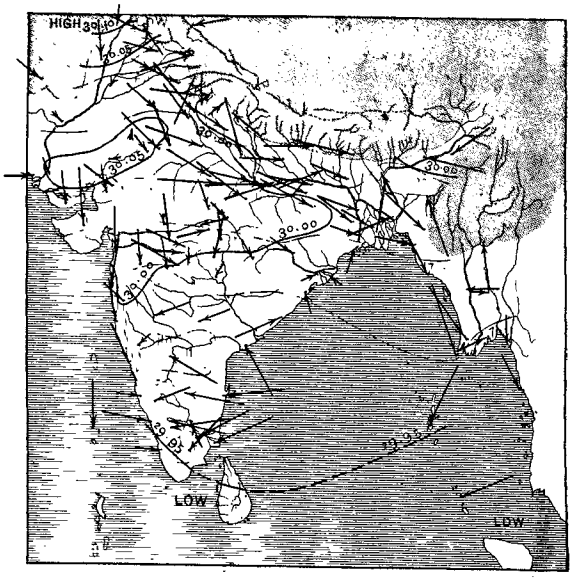
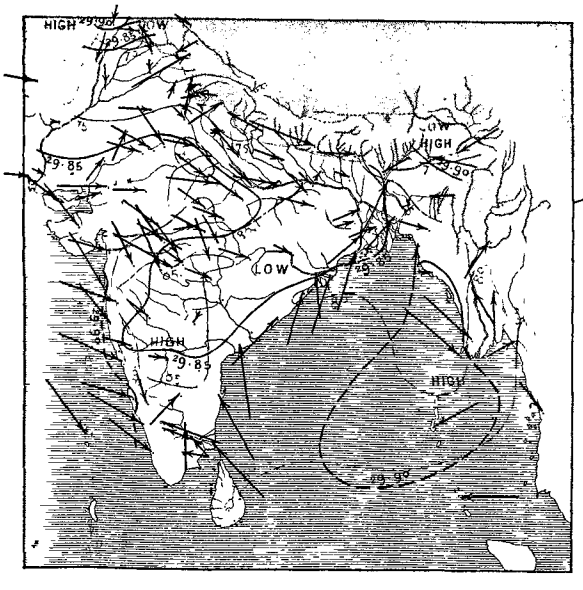
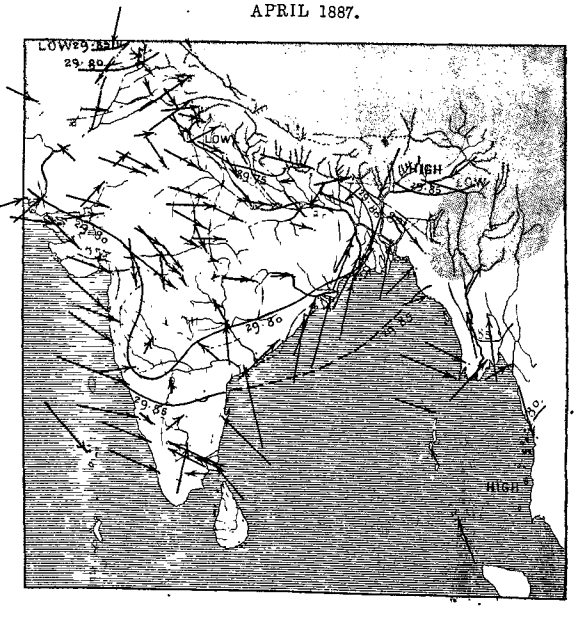


MARCH 1887.

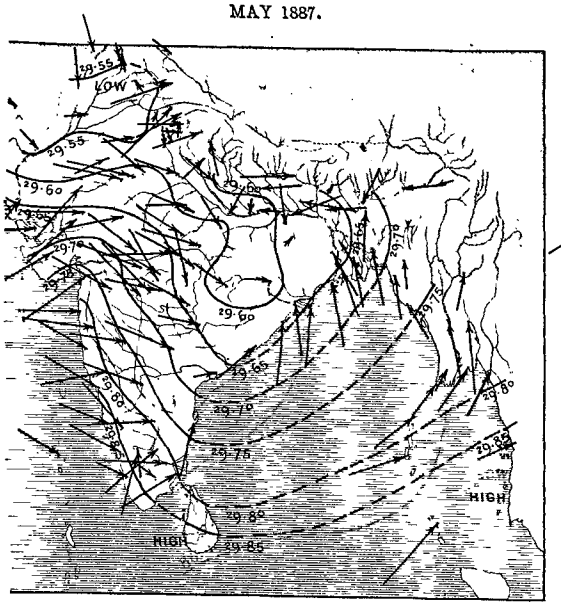


APRIL 1887.



Lithographed at the Survey of India Offices, Calcutta, August 1888.

MAY 1887.



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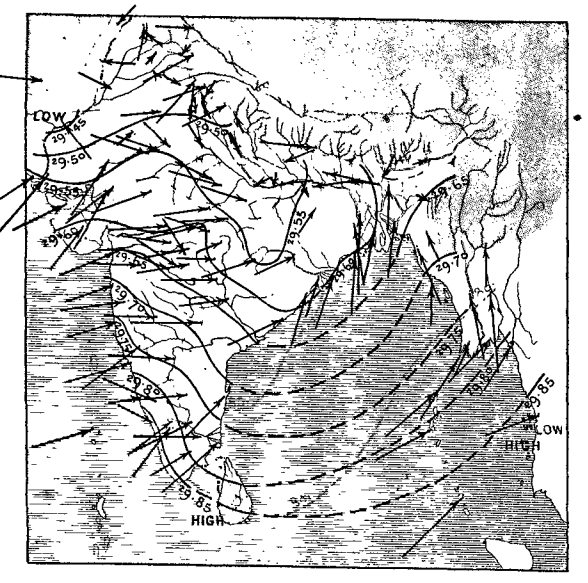

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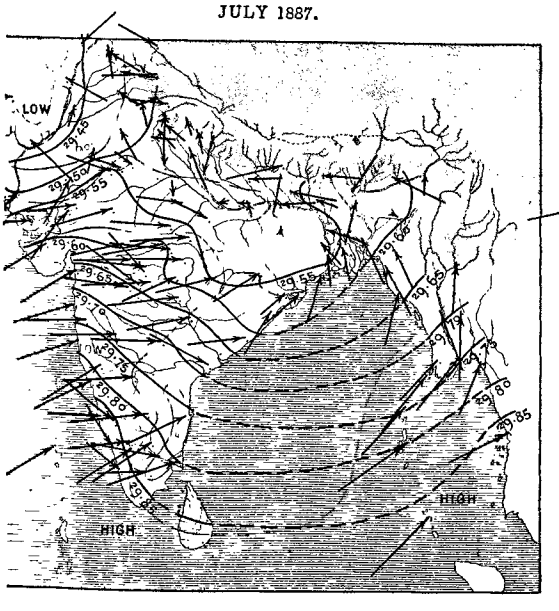
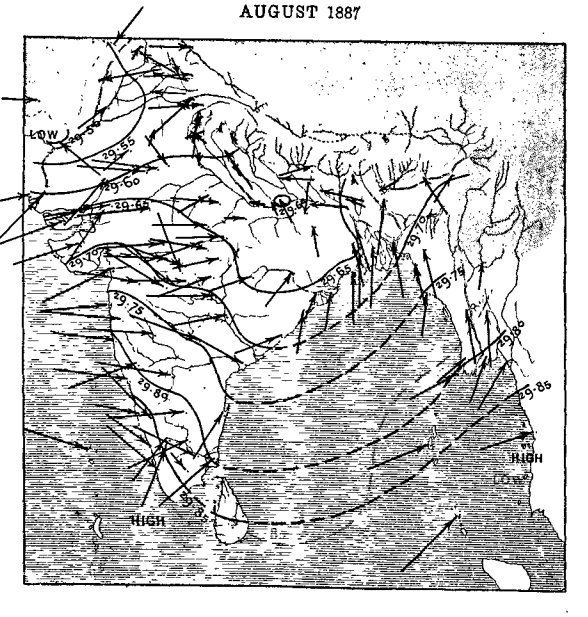


AUGUST 1887



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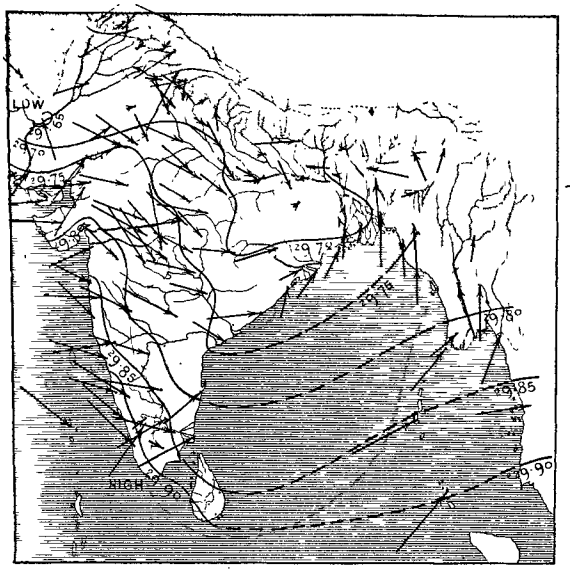
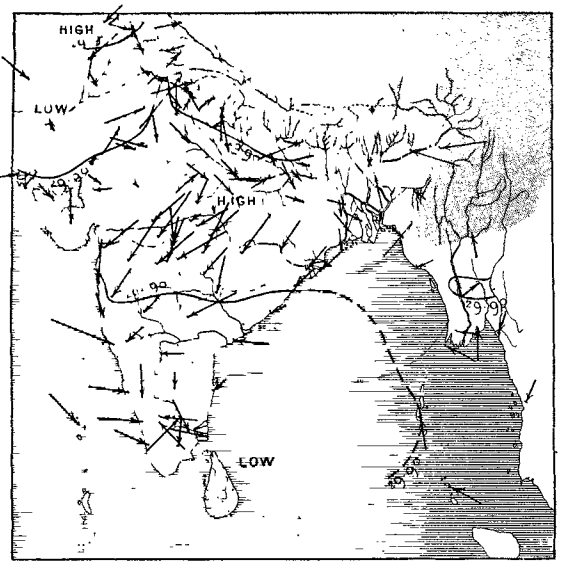
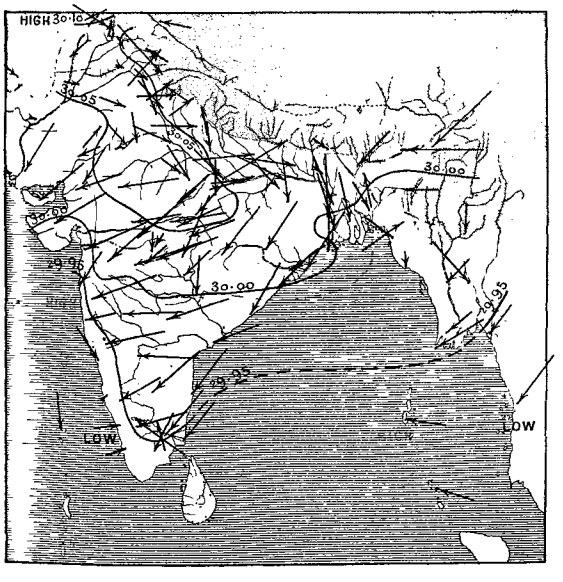
SEPTEMBER 1887.



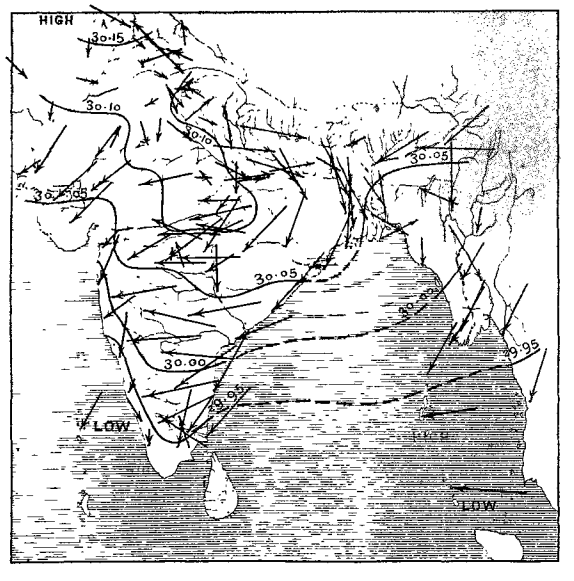
OCTOBER 1887.



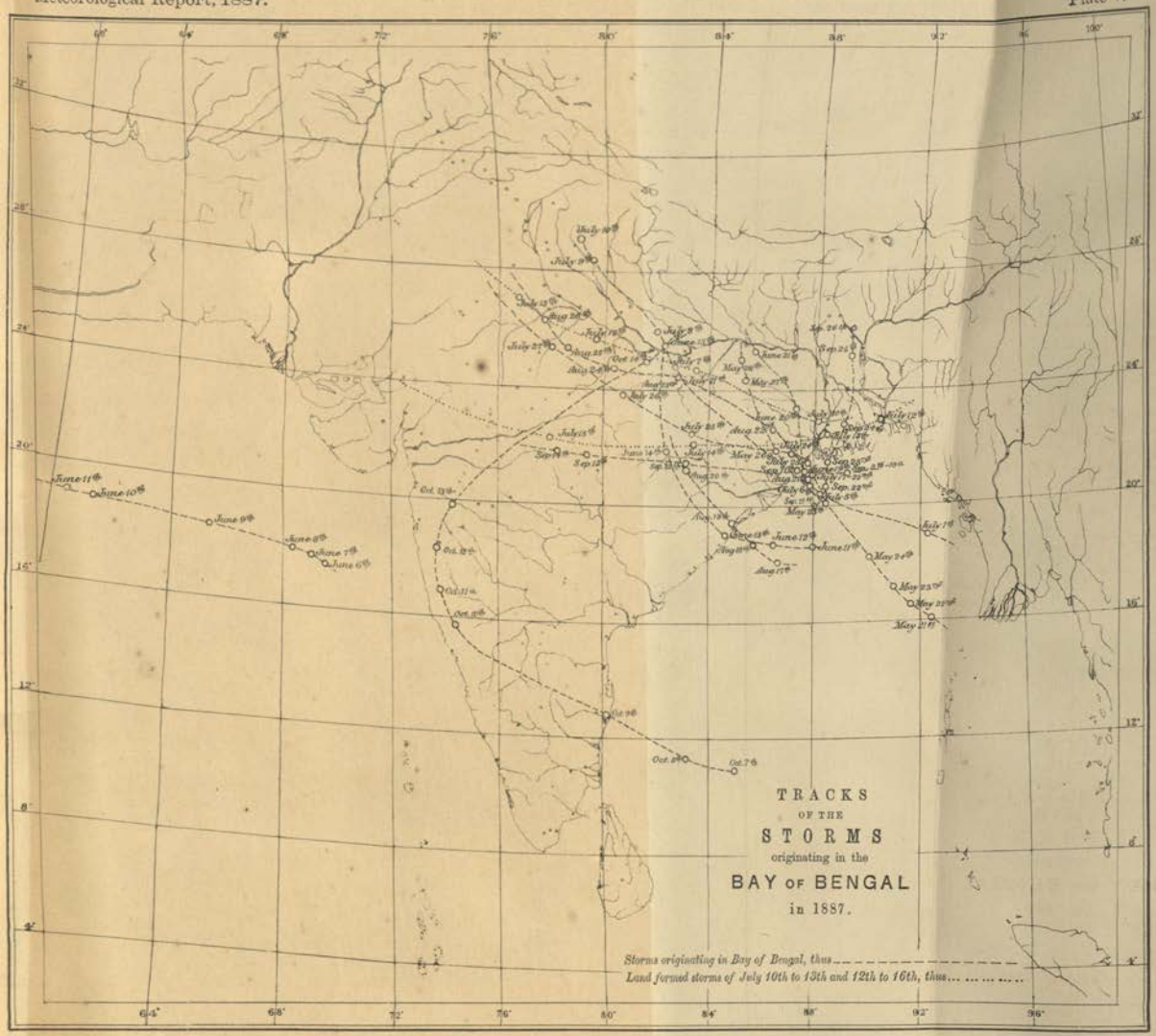
NOVEMBER 1887.



DECEMBER 1887.



Lithographed at the Survey of India Offices Calcutta, August 1888.


TRACKS
OF THE
STORMS
originating in the
BAY OF BENGAL
in 1887.
Storms originating in Bay of Bengal, thus
Land formed storms of July 10th to 13th and 12th to 16th, thus

Lithographed at the Survey of India Office, Calcutta, January 1889.

APPENDIX.

Abstract of Meteorological Registers for the year 1887.

TABLE I.—EQUILIBRIUM TEMPERATURES OF SOLAR RADIATION IN 1887. (113 STATIONS).

1. BUSHIRE (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	132·2	5th	140·9	19th	123·9	67·5	79·2	59·2
February	134·6	28th	150·9	6th, 19th & 20th.	125·9	68·5†	90·7	59·2
March	145·1	31st	157·4	14th & 15th	134·4	73·7	88·2	60·3
April	155·1	30th	165·9	19th	140·9	73·8	84·8	63·3
May	157·1	20th	167·9	5th & 6th	143·9	70·3	82·3	62·3
June	154·7	7th	157·9	21st	149·4	63·2	67·8	58·8
July	156·0	12th	164·9	17th	151·9	62·4	74·8	56·4
August	157·3	10th	168·7	6th	150·1	61·9	74·4	55·7
September	151·0	6th	156·9	25th, 26th & 30th.	146·9	56·5	61·4	54·5
October	145·0	6th	150·4	30th	138·2	56·6	62·3	52·3
November	137·1	20th	149·9	30th	123·9	57·7	70·1	48·3
December	123·3	12th	133·9	20th	113·5	55·5	65·4	43·8
Year	145·7	...	168·7	...	113·5	64·6	90·7	43·8
Means of extremes	...	...	155·5	...	136·9	...	75·1	56·2

* On a stand, 3 feet 9½ inches high. † Mean of 23 days.

2. AMINI DIVI (*corrected*).

Mean.	Maximum.		Minimum.		Difference, sun and shade.		
	Day.	°	Day.	°	Mean.	Maximum.	Minimum.
149·1	3rd	155·0	25th	130·0	Shade maximum untrustworthy.		
148·6	24th	153·6	28th	138·3	62·0	66·9	46·8
150·8	21st	157·5	23rd	130·6	63·2	69·4	45·9
150·1	16th	166·7	30th	98·0	61·8	68·0	16·0
150·1	27th	159·6	1st	99·1	60·4	66·9	17·3
130·3	1st	150·0	24th	94·1	45·7	62·7	14·3
136·2	26th	147·8	29th	107·8	51·1	61·9	27·0
137·6	6th	150·1	8th	98·3	51·4	60·9	19·0
136·1	25th	148·3	5th	99·3	50·7	61·3	21·0
131·9	2nd	148·7	30th	103·0	45·7	60·5	20·4
131·8	10th	141·2	27th	108·0	45·7	56·5	25·4
131·3	3rd	142·0	10th	113·3	45·8	56·4	29·3
140·3	...	160·7	...	94·1	...	...	...
...	...	151·2	...	110·0	...	...	...

3. QUETTA (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	105·8	25th	126·6	18th	64·4	59·6	77·8	19·1
February	121·8	27th	148·6	11th	85·1	66·2	77·8	39·8
March	138·3	26th	156·6	14th & 15th	129·1	71·0	78·8	64·8
April	149·1†	13th	162·5	19th & 20th	136·1	71·7†	81·9	62·6
May	151·5	5th	159·1	18th	145·3	66·8	71·7	62·9
June	156·1	30th	165·1	2nd	148·6	66·9	74·9	62·4
July	158·8	3rd	169·6	19th	152·1	65·4	77·6	59·1
August	158·1	10th	169·1	30th	152·4	67·1	77·1	61·6
September	149·7	6th	162·1	21st	142·1	67·7	77·3	64·9
October	139·8	1st	148·1	18th	131·1	65·4	70·6	62·1
November	129·0	27th	137·1	20th	125·6	63·7	71·4	59·6
December	121·2	8th	135·6	23rd	107·1	64·7	76·9	55·5
Year	139·9	...	169·6	...	64·4	66·4	81·9	19·1
Means of extremes	...	...	153·3	...	126·6	...	76·2	56·1

* On a stand 3 feet 10 inches high.

4. LEH (*corrected*).‡

Mean.	Maximum.		Minimum.		Difference, sun and shade.		
	Day.	°	Day.	°	Mean.	Maximum.	Minimum.
88·7	17th	105·6	15th	31·7	60·0	78·3	10·6
98·5	20th	111·6	3rd	66·4	64·6	76·9	42·1
105·8	3rd	128·6	2nd	47·6	62·7	82·2	12·7
122·1†	21st	131·1	1st	103·6	64·7†	75·7	53·4
127·6	31st	136·6	15th	116·6	63·4	72·3	54·4
126·0	2nd&14th	133·6	4th	102·6	60·0	67·4	38·8
134·8	13th	144·1	5th	124·1	53·5	63·2	47·3
130·1	1st	140·6	13th	101·7	54·8	65·3	36·4
122·9†	16th	131·8	19th	84·6	56·0†	63·6	31·7
116·1	10th	128·6	26th	102·3	58·2	66·0	49·6
103·2	7th	110·4	29th	90.7	55·1	72·3	46·5
95·7	17th	111·4	24th	79·9	59·0	77·5	47·8
114·3	...	144·1	...	31·7	59·3	82·2	10·6
...	...	126·2	...	87·7	...	71·7	39·3

† Mean of 2 days.

‡ On a stand, 4½ feet high.

TABLE I.—EQUILIBRIUM TEMPERATURES OF SOLAR RADIATION IN 1887.

5. MOOLTAN (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	121·1	23rd	133·1	12th	86·1	53·7	64·0	26·4
February	128·0	28th	150·1	2nd	97·1	51·7	59·5	29·5
March	146·1	26th	161·1	14th & 15th	136·1	57·1	62·5	53·5
April	151·8	29th	161·5	5th	140·5	51·3	59·3	38·5
May	163·8	30th	171·6	23rd	154·6	53·9	58·5	48·7
June	155·4	30th	166·1	21st	127·1	52·2	63·5	34·5
July	160·7	1st	170·5	19th	153·9	56·5	64·9	52·5
August	159·1	27th & 30th	165·1	13th	141·1	59·1	64·5	51·5
September	Imperfect.							
October	Not recorded.							
November	Ditto.							
December	Ditto.							
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

* On stand, 3 feet 7 inches high.

6. DERA ISMAIL KHAN (*corrected*).†

Mean.	Maximum.		Minimum.		Difference, sun and shade.		
	Day.	°	Day.	°	Mean.	Maximum.	Minimum.
Imperfect.							
143·2	26th	156·1	19th	119·1	68·7	78·4	49·5
153·6	6th	167·1	2nd	135·1	66·2	78·4	50·4
162·8	14th	176·1	1st	149·1	65·4	74·6	54·5
167·8	29th	175·1	23rd	150·1	57·3	61·6	40·6
156·9	15th	175·1	4th	117·1	51·3	85·5	20·5
156·2	30th	167·1	7th	141·1	51·6	63·6	46·6
156·1	12th, 20th & 25th.	161·1	3rd	149·1	53·8	63·5	49·6
152·7	14th to 16th	161·1	20th	113·1	52·0	56·6	23·5
149·1	8th & 9th	157·1	30th	142·1	54·2	60·5	47·5
136·1	9th	144·1	28th	95·1	53·3	58·5	26·5
124·9	4th	134·1	19th	86·1	52·5	61·5	22·5
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...

† On a stand, 3 feet 8 inches high.

7. PESHAWAR (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	Not recorded.							
February	128·0†	26th	139·3	19th	119·8	58·4†	65·4	45·5
March	139·4	26th	152·7	13th	126·5	60·2	66·9	54·2
April	152·3	28th	168·8	29th	138·8	61·4	76·2	49·7
May	162·8	30th	171·0	23rd	149·3	58·5	64·5	52·8
June	164·6	29th	174·8	12th	156·8	58·8	66·8	53·6
July	159·4	2nd	173·6	4th	136·6	56·1	63·3	43·6
August	157·2	20th	162·4	11th	149·8	59·7	67·5	54·6
September	151·1	16th	158·3	12th	133·4	52·0	64·3	46·3
October	143·3	5th	151·0	19th	115·0	55·4	61·7	36·4
November	132·0	2nd & 3rd	139·5	28th	108·8	53·5	56·7	46·0
December	118·3	5th	129·8	19th	63·3	50·2	61·3	4·5
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

* On a stand, 2 feet 10 inches high.

† Mean of 24 days

8. MURREE (*corrected*).‡

Mean.	Maximum.		Minimum.		Difference, sun and shade.		
	Day.	°	Day.	°	Mean.	Maximum.	Minimum.
103·7§	30th	129·6	11th	65·5	60·7§	86·1	25·2
111·9‖	26th	134·5	12th	61·1	61·9‖	81·3	20·6
123·6¶	9th	138·3	3rd	67·9	61·9¶	77·1	10·3
136·6	25th	149·3	18th	115·5	65·0	73·7	51·6
144·8**	30th	153·8	16th	135·8	61·8**	71·9	56·6
143·2††	16th	151·5	2nd	129·5	59·5††	73·7	52·9
136·9	10th	152·2	16th	85·5	60·2	71·9	14·7
132·9††	18th	150·7	13th	102·5	60·4††	77·1	36·9
133·2††	1st	142·7	21st	120·7	60·6††	69·1	56·1
126·2**	13th	134·5	15th	96·5	58·2**	66·7	38·6
120·8	1st	130·5	28th	77·5	58·2	67·6	24·8
111·9**	13th	123·7	19th	53·5	58·6**	68·8	8·6
127·1	...	153·8	...	53·5	60·6	86·1	8·6
...	...	140·9	...	92·6	...	73·8	33·1

‡ On a stand, 3 feet 8 inches high.
§ Mean of 23 days.
‖ ,, ,, 27 ,,
¶ Mean of 28 days.
** ,, ,, 30 ,,
†† ,, ,, 29 ,,

9. RAWALPINDI (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum
January	112·1†	8th	122·1	2nd	83·1	51·2†	60·0	25·0
February	120·4‡	26th & 27th.	131·1	12th	111·6	52·0‡	58·0	43·3
March	133·5	12th	148·1	14th	89·1	53·1	66·6	18·1
April	149·5	28th	162·3	1st	139·1	55·9	63·3	51·2
May	158·8§	28th	171·1	16th	146·1	53·7§	61·7	47·8
June	156·8‖	29th	166·3	21st	144·1	53·4‖	62·3	43·6
July	149·2§	1st	162·3	15th	130·1	51·8§	64·6	37·5
August	158·2¶	29th	172·1	13th	136·1	65·9¶	80·0	48·9
September	154·9**	4th	169·3	23rd	137·1	62·6**	80·7	47·6
October	138·5	7th	145·9	15th	129·4	50·6	58·6	45·5
November	126·0	3rd & 8th	133·1	28th	95·1	47·9	52·3	26·5
December	118·4§	20th	127·1	11th	106·8	49·8§	61·0	39·9
Year	139·7	...	172·1	...	83·1	54·0	80·7	18·1
Means of extremes	...	...	150·9	...	120·6	...	64·1	39·6

10. SIALKOT (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	92·4	11th	108·3	13th	54·5	29·4	45·6	1·6
February	115·6	25th	127·5	11th	92·5	43·6	51·8	27·7
March	132·5	26th	148·5	12th	102·0	47·5	57·3	22·5
April	152·0	26th	165·3	16th	125·9	53·3	57·7	40·7
May	161·8	29th	168·5	22nd	151·5	51·8	58·4	41·7
June	158·9	19th	169·5	13th	146·0	52·3	61·2	41·4
July	152·4	9th	167·1	16th	129·5	53·9	63·1	36·1
August	140·9	18th	154·0	2nd	96·5	50·4	61·4	17·8
September	143·9	15th	152·0	4th	133·5	48·7	52·1	44·8
October	135·8	6th	145·5	14th	121·5	43·4	47·4	37·8
November	119·5	2nd & 3rd	128·5	28th	99·5	38·1	42·3	26·8
December	104·0	2nd	112·0	19th	76·5	32·6	39·5	11·7
Year	134·1	...	169·5	...	54·5	45·4	63·1	1·6
Means of extremes	...	...	145·6	...	110·8	...	53·2	29·2

† Mean of 23 days.
‡ „ „ 26 „
§ „ „ 30 „
‖ Mean of 29 days.*
¶ „ „ 27 „
** „ „ 28 „

On a stand, 3 feet 10 inches high.

11. LAHORE (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	120·9	21st	135·8	13th	65·0	57·2	71·6	12·2
February	139·8	23rd	150·0	11th	124·5	65·2	72·5	56·5
March	149·8	26th	166·0	1st	111·5	63·3	74·9	31·7
April	163·3	26th	174·0	16th	153·0	64·6	69·6	57·4
May	168·5	9th & 29th	175·0	23rd	154·0	59·3	63·4	49·9
June	160·3	18th	171·0	21st	121·0	56·4	64·7	41·1
July	160·7	31st	173·0	3rd	121·0	61·1	75·4	26·4
August	151·4	3rd	167·0	2nd	89·0	59·8	75·3	10·0
September	155·5	1st	162·0	2nd	137·8	60·6	68·9	51·9
October	152·2	8th	160·0	15th	145·0	59·1	62·3	55·9
November	140·6	1st	154·0	28th	129·0	58·5	68·4	53·4
December	131·2	14th	143·0	31st	124·8	57·9	70·4	53·0
Year	149·5	...	175·0	...	65·0	60·3	75·4	10·0
Means of extremes	...	...	160·9	...	123·0	...	69·8	41·6

12. LUDHIANA (*corrected*).†

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	106·9	11th	118·7	10th	66·0	42·0	54·0	10·9
February	114·7	27th	127·7	11th	100·7	38·3	50·4	28·2
March	125·4	23rd	136·7	13th	98·7	35·6	45·2	13·0
April	135·5	7th	148·7	6th	102·7	34·6	61·4	7·9
May	144·6‡	28th	168·1	26th	123·7	33·8‡	52·4	10·1
June	157·0§	19th	165·5	12th	144·5	51·6§	63·2	38·1
July	153·2	9th	164·9	20th	107·1	56·1	65·7	21·0
August	146·6	26th	158·5	12th	104·5	54·6	64·8	20·4
September	145·5	11th & 23rd.	149·9	20th & 22nd.	138·9	53·2	64·8	47·2
October	139·6	8th	148·5	29th	132·5	48·0	53·4	40·7
November	124·2	3rd	136·5	27th & 29th.	107·5	43·4	51·8	30·3
December	109·2	26th	112·9	29th & 31st.	104·5	36·9	46·8	33·2
Year	133·5	...	168·1	...	66·0	44·0	65·7	7·9
Means of extremes	...	...	144·7	...	110·9	...	56·2	25·1

* On a stand, 3½ feet high.

† On a stand, 4 feet high.
‡ Mean of 30 days.
§ „ „ 25 „

TABLE I.—EQUILIBRIUM TEMPERATURES OF SOLAR RADIATION IN 1887.

13. SIMLA. (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	102·7	23rd	132·0	14th	60·7	59·2	87·2	28·0
February	121·8	27th	138·9	4th	94·7	67·1	79·3	49·2
March	12·13†	1st	137·0	14th	91·9	59·6‡	68·8	40·2
April	132·9	27th	143·6	16th	114·9	60·7§	69·5	48·9
May	142·6	12th	147·9	16th	134·6	Shade max. imperfect		
June	136·1	2nd	145·4	3rd	113·4	60·4‖	68·6	46·8
July	115·1	14th & 15th	141·4	6th	80·1	45·7	67·8	15·9
August	111·9	25th	140·3	14th	83·5	44·6	70·5	18·8
September	128·5	7th	145·1	13th	94·4	58·3	75·5	24·9
October	131·1	2nd	138·9	27th	124·3	64·9	73·4	57·9
November	124·9	10th	131·3	29th	119·4	64·2	67·8	60·7
December	117·0	27th	128·4	30th	95·4	63·2	71·8	53·1
Year	123·8	...	147·9	...	60·7	...	...	...
Means of extremes	...	...	139·2	...	100·6	...	...	...

* On a stand, 4 feet high.
† Mean of 30 days.
‡ Mean of 27 days
§ „ „ 21 „
‖ Mean of 20 days.

14. DELHI (*corrected*).¶

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	119·9	31st	141·7	18th	110·7	51·9	71·2	44·8
February	130·4	28th	142·1	1st & 9th	121·7	51·6	60·1	46·8
March	143·1	7th	151·9	8th	137·7	52·3	60·8	47·1
April	154·0	14th & 26th	162·7	9th	144·7	51·8	63·3	47·3
May	157·0	21st	163·7	3rd to 5th, 15th, 16th, 24th & 31st.	150·7	47·5	52·3	42·7
June	156·6	12th	168·7	3rd, 4th & 13th.	149·7	49·6	59·7	40·3
July	149·0	22nd	161·7	29th	135·7	57·0	69·8	48·7
August	143·8	12th	152·7	6th & 8th	132·7	56·4	73·4	46·0
September	142·4	10th	153·7	18th	137·7	52·7	62·4	45·7
October	138·5	7th	143·7	28th	131·7	47·9	53·6	42·6
November	130·2	1st & 3rd	135·7	30th	125·7	47·6	50·6	43·6
December	122·8	23rd	127·7	30th & 31st	117·7	46·9	52·6	43·1
Year	140·6	...	168·7	...	110·7	51·1	73·4	40·3
Means of extremes	...	...	150·5	...	133·0	...	60·8	44·9

¶ On a stand, 3 feet 11 inches high.

15. SIRSA. (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	127·6	12th	137·4	19th	110·7	59·1	68·2	51·5
February	142·0	28th	158·9	5th	130·6	62·8	67·0	58·9
March	154·8	26th	169·4	12th	138·3	62·5	68·3	50·5
April	166·0	12th	174·4	16th	156·5	63·4	72·2	54·4
May	169·5	9th	178·2	13th	157·6	57·4	62·8	47·5
June	158·7	9th	172·6	21st	147·6	52·5	67·1	41·6
July	159·8	22nd	174·6	3rd	139·8	61·4	72·7	49·4
August	157·3	31st	173·5	7th	136·3	64·2	75·2	53·6
September	158·6	1st	165·6	4th	147·3	61·3	71·2	54·2
October	154·2	7th	162·1	16th	148·4	58·8	66·0	55·6
November	143·5	15th	151·6	30th	135·1	58·1	62·7	55·7
December	132·8	6th	138·7	31st	124·2	56·3	62·5	53·6
Year	152·1	...	178·2	...	110·7	59·8	75·2	41·6
Means of extremes	...	...	163·1	...	139·4	...	68·0	52·2

* On a stand, 3 feet 5 inches high.

16. CHAKRATA. (*corrected*).†

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	114·6‡	25th	128·1	14th	103·1	69·4‡	88·5	57·9
February	120·2	21st	128·1	7th	113·9	65·6	81·9	58·9
March	127·7	6th	138·3	14th	117·6	66·0	76·2	58·0
April	134·4	28th	146·1	9th	124·7	63·6	76·9	53·0
May	139·3	22nd	152·1	16th	116·9	60·8	69·1	38·4
June	135·8	18th	143·7	22nd	121·1	60·4	68·8	52·6
July	129·0	16th	147·3	7th	109·6	59·8‖	72·0	37·0
August	128·8	1st	151·6	21st	95·6	60·2	76·3	26·5
September	126·8	12th	139·1	18th	102·7	58·3	67·3	39·5
October	127·6	2nd	133·9	31st	119·5	62·6	70·2	57·8
November	121·3§	13th	127·9	27th	115·8	60·6§	67·9	56·8
December	114·6	27th	120·6	6th	107·6	60·5	69·9	56·1
Year	126·7	...	152·1	...	95·6	62·3	88·5	26·5
Means of extremes	...	...	138·1	...	111·6	...	73·8	49·3

† On a stand, 2 feet 10½ inches high.
‡ Mean of 30 days.
§ „ „ 29 „

17. DEHRA (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, sun and shade. Mean.	Difference, sun and shade. Maximum.	Difference, sun and shade. Minimum.
January	107·9	2nd	126·4	10th	62·8	47·2	64·1	8·3
February	126·1	4th	135·1	6th	115·8	55·6†	65·7	52·2
March	136·9	25th	144·8	12th	106·8	57·0	64·8	34·5
April	146·3‡	27th	156·9	30th	115·9	56·4‡	66·6	28·9
May	152·4	9th	158·1	1st	143·0	54·4	59·7	50·3
June	144·9	1st	154·0	21st	104·7	53·2	65·1	27·9
July	135·7	16th	156·4	6th	81·0	51·7	68·8	7·0
August	141·5	21st	158·5	28th	87·7	59·3	76·4	12·5
September	139·2	15th	158·1	18th	86·1	56·1	70·7	11·5
October	137·0	1st & 5th	144·2	26th	130·7	56·8	62·2	53·7
November	129·4	1st	133·3	30th	125·0	54·9	59·8	51·8
December	122·1	14th	127·0	11th	118·2	53·7	59·7	50·1
Year	135·0	...	158·5	...	62·8	54·7	76·4	7·0
Means of extremes	...	...	146·1	...	106·4	...	65·3	32·4

* On a board, about 4 feet high.
† Mean of 26 days.
‡ „ „ 29 „

18. MUSSOORIE G. T. S. OFFICE (*corrected*).§

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, sun and shade. Mean.	Difference, sun and shade. Maximum.	Difference, sun and shade. Minimum.
January	95·9	25th	115·9	10th	48·0	52·0	75·6	11·2
February	116·4	21st	127·7	9th	103·2	62·9	68·2	56·4
March	121·4‖	10th	136·3	13th	68·8	59·4‖	74·9	21·4
April	133·9	26th	145·4	30th	90·7	62·2	77·2	25·5
May	141·2	28th	147·5	1st	130·6	61·1	65·4	56·7
June	132·8	19th	145·1	13th & 21st	99·8	58·8	70·8	35·8
July	119·9	15th	151·0	6th	65·4	51·1	76·5	6·0
August	118·6	15th	151·8	5th	72·6	51·4	83·4	8·2
September	126·3	11th	145·7	18th	81·2	59·3	74·6	20·2
October	123·1	1st	136·2	13th	108·0	61·2	70·0	52·2
November	119·5	2nd	130·6	28th	107·4	62·7	73·5	51·6
December	113·7	12th	126·7	6th	100·0	64·2	77·3	52·0
Year	121·9	...	151·8	...	48·0	58·9	83·4	6·0
Means of extremes	...	...	138·3	...	89·6	...	74·0	33·1

§ On stand, 4½ feet high.
‖ Mean of 28 days.

19. ROORKEE (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, sun and shade. Mean.	Difference, sun and shade. Maximum.	Difference, sun and shade. Minimum.
January	113·5	12th	132·5	19th	70·5	48·4	60·2	15·4
February	135·0	20th	147·0	1st & 9th	124·5	59·6	68·2	53·9
March	145·7	26th	154·5	12th	117·5	58·3	64·9	39·7
April	156·0	26th	165·3	6th	128·8	57·9	66·7	42·2
May	162·2	14th	170·8	15th & 22nd	156·3	55·1	59·9	48·2
June	158·1	19th	169·3	12th	126·3	55·9	67·7	26·7
July	142·8	15th	163·8	27th	98·3	52·7	70·7	15·7
August	148·2	15th	161·6	27th	109·3	59·7	71·2	23·7
September	144·2	12th & 13th	157·3	18th	101·3	55·6	69·2	24·5
October	143·9	9th & 11th	149·3	28th	138·3	56·2	61·7	52·7
November	137·5	18th	148·3	25th	131·8	56·6	70·0	54·2
December	129·6	12th	138·0	30th	106·8	56·0	64·5	47·0
Year	143·1	...	170·8	...	70·5	56·0	71·2	15·4
Means of extremes	...	...	154·8	...	117·5	...	66·2	37·0

* On a stand, 3 feet 6 inches high.

20. RANIKHET (*corrected*).†

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, sun and shade. Mean.	Difference, sun and shade. Maximum.	Difference, sun and shade. Minimum.
January	106·7	6th	124·3	4th & 19th	59·3	54·1	72·9	5·5
February	125·4	28th	134·9	8th & 9th	114·3	65·8	73·5	59·7
March	129·1	27th & 28th	146·3	14th	84·3	61·9	70·3	29·4
April	136·8	17th	149·3	6th	90·3	62·6	75·9	21·2
May	145·0	28th	151·3	1st	138·3	62·9	74·3	56·8
June	142·9	14th, 20th, 25th, 27th & 28th.	150·3	29th	109·3	63·3	73·3	30·8
July	139·2	14th	155·8	23rd	111·3	64·0	77·3	38·3
August	131·4	16th	154·3	4th	103·3	58·8	83·3	30·3
September	138·2	22nd	153·3	18th	95·3	65·6	80·3	29·2
October	137·8	4th	153·3	11th	113·3	68·6	79·3	46·2
November	132	1st & 17th	139·3	25th	125·3	66·7	76·1	62·7
December	123·2	30th	130·3	11th	116·3	63·8	70·5	56·7
Year	132·2	...	155·8	...	59·3	63·2	83·3	5·5
Means of extremes	...	...	144·7	...	105·1	...	75·6	38·9

† On a stand, 3 feet 9 inches high.

TABLE I.—EQUILIBRIUM TEMPERATURES OF SOLAR RADIATION IN 1887.

21. MEERUT (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	114·6	7th	128·8	19th	73·5	48·4	62·6	16·8
February	134·0	28th	152·5	6th	122·5	57·5	66·0	52·3
March	148·9	25th	158·5	16th	139·5	60·7	65·8	51·2
April	160·9	26th & 27th	169·5	6th & 7th	153·5	62·3	65·7	57·2
May	164·3	9th	172·0	22nd	154·5	58·4	63·3	49·8
June	158·6	24th	166·7	12th	131·5	56·4	68·2	29·2
July	150·4	21st	165·7	10th	113·5	59·1	72·3	26·3
August	145·2	4th	165·5	28th	93·5	57·8	74·6	15·3
September	147·9	13th	160·5	17th	111·5	58·1	68·2	28·3
October	146·5	5th, 6th & 19th.	151·5	31st	140·5	57·4	61·1	55·2
November	135·3	1st	141·0	30th	129·5	54·5	57·8	52·3
December	125·0	1st, 4th & 9th.	129·5	30th	113·5	50·9	58·3	46·9
Year	144·3	...	172·0	...	73·5	56·8	74·6	15·3
Means of extremes	...	...	155·1	...	123·1	...	65·3	40·1

* On a stand, 3 feet 10 inches high.

22. BAREILLY (*corrected*).†

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	113·6‡	26th	123·4	19th	97·4	46·2‡	53·1	37·1
February	126·3	27th	135·4	8th	116·4	49·5	55·1	47·2
March	140·3	26th	155·9	12th	110·4	52·1	63·1	25·7
April	153·9	29th	161·9	9th	145·9	55·2	68·1	49·6
May	157·9	20th	163·9	1st	151·4	52·3	55·1	44·6
June	152·8	10th	159·9	13th	128·9	52·8	66·1	39·6
July	152·5§	17th	166·9	23rd	123·4	61·3§	73·1	38·2
August	147·7‖	18th	164·0	21st	124·5	60·0‖	71·9	42·4
September	143·7	7th	161·0	16th	117·0	54·7.	69·9	36·9
October	138·6	11th	149·5	28th	133·0	50·0	60·4	45·9
November	129·0	8th	140·0	6th	117·5	46·2	55·4	32·9
December	120·8	4th, 6th & 25th.	122·5	9th	117·5	45·0	48·4	41·9
Year	139·8	...	166·9	...	97·4	52·1	73·1	25·7
Means of extremes	...	...	150·4	...	123·6	...	61·6	39·8

† On a stand, 3 feet 6 inches high.
‡ Mean of 30 days.
§ Mean of 25 days.
‖ ,, ,, 21 ,,

23. AGRA (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	131·5	24th	149·4	13th	96·6	59·9	74·0	34·8
February	144·1	28th	156·2	6th	135·2	62·3	67·5	54·5
March	156·2	25th	164·4	12th	129·0	63·0	67·6	42·5
April	166·6	26th	175·1	7th	156·0	62·3	68·3	58·2
May	170·4	13th	178·9	24th	158·9	58·6	67·5	49·7
June	164·2	9th & 10th	174·4	25th	132·1	57·0	71·5	28·7
July	149·4	9th	172·1	11th	99·7	58·5	76·7	17·3
August	133·6	18th	158·0	1st	87·7	47·1	68·1	5·0
September	146·0	12th	160·7	16th	90·7	55·6	68·4	10·4
October	151·1	11th	158·7	30th	145·5	59·6	65·6	54·5
November	142·0	4th & 20th	147·7	6th	122·7	58·2	64·8	44·8
December	135·2	12th	145·2	31st	128·9	57·3	63·9	53·5
Year	149·2	...	178·9	...	87·7	58·3	76·7	5·0
Means of extremes	...	...	161·7	...	123·6	...	68·7	37·8

24. LUCKNOW (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	130·1	29th	137·7	20th	108·7	58·1	66·6	42·6
February	138·3	21st & 23rd	147·7	9th	128·7	57·3	64·5	51·5
March	152·2	26th	163·7	13th	133·7	59·8	68·4	44·4
April	159·6	25th	167·7	9th	148·7	57·7	67·4	51·4
May	162·3	19th	171·4	3rd	153·7	55·7	62·4	44·4
June	157·7	9th	164·7	15th	124·7	55·9	64·4	39·4
July	150·7	9th	163·7	1st, 3rd, 10th & 24th.	137·7	58·3	73·4	43·4
August	144·1	29th	156·4	10th	123·7	55·8	67·4	41·5
September	152·0	22nd	163·7	18th	133·7	60·9	74·4	42·4
October	144·4	16th & 17th	159·7	14th	93·7	54·6	70·4	13·5
November	138·0	10th	152·7	7th	115·7	55·2	70·0	38·5
December	129·9	4th	133·7	30th	102·7	52·5	58·6	29·6
Year	146·6	...	171·4	...	93·7	56·8	74·4	13·5
Means of extremes	...	...	156·9	...	125·5	...	67·3	40·2

* On a stand, 3 feet high.

25. GORAKHPUR (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. o	Minimum. Day.	Minimum. o	Difference sun and shade. Mean.	Difference sun and shade. Maximum.	Difference sun and shade. Minimum.
January	124·0	27th & 31st	130·0	11th	101·0	55·2	61·1	35·1
February	134·1	23rd	145·0	1st	125·0	56·3	63·2	51·2
March	148·3	25th	155·0	29th	138·0	58·3	62·2	50·2
April	153·8	22nd	161·0	9th	144·5	56·5	62·7	49·2
May	154·6	19th	163·0	27th	126·0	53·4	64·7	33·2
June	149·6	12th	161·0	15th	115·0	54·6	63·2	28·2
July	151·3	28th	163·5	31st	124·0	59·2	65·7	34·2
August	143·7	1st, 18th, 21st & 25th.	155·5	6th	89·0	54·6	67·2	4·2
September	147·1	6th & 14th	156·5	1st	112·0	57·2	68·2	27·2
October	140·6	26th	153·5	14th	83·5	53·9	68·2	6·2
November	136·0	1st	142·5	8th	125·0	55·8	60·7	48·7
December	127·7	4th	131·2	17th	124·9	53·9	58·7	51·7
Year	142·5	...	163·5	...	83·5	55·7	68·2	4·2
Means of extremes	...	...	151·5	...	117·3	...	63·8	34·9

* On a stand, 3½ feet high.

26. JHANSI (*corrected*).†

Month.	Mean.	Maximum. Day.	Maximum. o	Minimum. Day.	Minimum. o	Difference, sun and shade. Mean.	Difference, sun and shade. Maximum.	Difference, sun and shade. Minimum
January	134·7	29th & 30th	145·0	13th	127·0	59·7	69·6	47·6
February	156·8	21st	171·0	9th	135·0	73·1	83·6	64·6
March	164·6	27th	171·0	14th	156·0	69·0	75·6	62·0
April	172·3	25th & 27th	178·0	2nd	159·0	67·8	74·0	63·5
May	175·5	13th	180·0	4th & 5th	171·0	64·2	68·5	62·0
June	163·1	1st & 6th	176·5	23rd	130·0	59·0	65·5	34·5
July	133·7	1st	167·0	10th, 12th & 20th.	123·0	44·2	66·0	33·6
August	129·2	30th	134·0	1st, 13th, 22nd 25th & 28th.	123·0	43·9	47·6	37·6
September	150·2	26th & 28th	168·5	16th	122·0	61·1	76·1	36·6
October	160·6	6th	171·0	12th	149·0	67·4	75·5	61·0
November	150·0	23rd	158·0	7th	141·0	64·0	72·6	60·6
December	142·8	9th	148·5	31st	119·0	60·6	63·6	46·6
Year	152·7	...	180·0	...	119·0	61·2	83·6	33·6
Means of extremes	...	...	164·0	...	137·9	...	69·9	50·9

† On a stand, 4 feet high from October, previously 3 feet 1½ inches high.

27. ALLAHABAD (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. o	Minimum. Day.	Minimum. o.	Difference, sun and shade. Mean.	Difference, sun and shade. Maximum.	Difference, sun and shade. Minimum.
January	130·7	5th	138·4	20th	117·0	59·6	69·4	51·0
February	140·0	24th	149·1	1st	131·9	60·1	65·6	55·4
March	152·1	26th	165·3	29th	144·6	59·2	67·1	55·9
April	160·7	29th	167·8	9th	151·1	58·5	64·7	56·3
May	163·4	20th	171·2	3rd	150·9	57·5	66·7	53·1
June	162·9	21st	172·6	2nd	135·9	59·6	79·6	40·0
July	151·0†	19th	167·2	20th	117·1	60·4†	71·7	32·7
August	150·1†	19th	166·0	1st	108·0	61·9†	75·3	26·6
September	152·8	14th	162·0	2nd	143·6	61·7	74·6	55·8
October	145·0	9th	155·2	13th	94·6	56·2	63·9	21·8
November	141·6	19th	153·0	7th	109·7	59·3	70·8	33·2
December	137·2†	30th	143·0	21st	133·2	59·6†	63·7	56·3
Year	149·0	...	172·6	...	94·6	59·5	79·6	21·8
Means of extremes	...	...	159·4	...	128·1	...	69·4	44·8

* On a stand, 3·5 feet high.

† Mean of 30 days.

28. BENARES (*corrected*).‡

Month.	Mean.	Maximum. Day.	Maximum. o	Minimum. Day.	Minimum. o	Difference, sun and shade. Mean.	Difference, sun and shade. Maximum.	Difference, sun and shade. Minimum.
January	128·3	6th	139·7	13th	91·0	56·9	63·6	25·2
February	141·7	24th	152·9	1st	131·3	61·0	65·5	57·2
March	154·0	12th	163·0	29th	145·8	60·6	66·5	56·1
April	160·6	25th	169·8	9th	153·1	58·4	66·2	50·9
May	158·2	20th	168·8	28th	105·6	54·0	61·9	27·0
June	157·6	24th	167·2	2nd	129·3	56·9	70·1	36·9
July	150·4	5th	165·7	9th	127·9	58·6	71·9	40·2
August	145·5	15th	159·0	1st	102·1	56·9	71·7	21·1
September	151·4	17th	160·9	16th	138·8	59·9	71·6	54·0
October	144·6§	6th	157·5	13th	96·2	55·6§	62·9	17·6
November	139·8	7th	149·8	30th	134·5	57·8	67·8	54·7
December	131·8	31st	139·8	27th	102·8	55·8	64·9	35·8
Year	147·0	...	169·8	...	91·0	57·7	71·9	17·6
Means of extremes	...	...	157·8	...	121·5	...	67·1	39·7

‡ On a stand, 3 feet 5½ inches high.

§ Mean of 29 days.

29. GHAZIPUR (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, sun and shade. Mean.	Difference, sun and shade. Maximum.	Difference, sun and shade. Minimum.
January	119·1	6th	128·4	13th	84·4	50·5†	58·2	19·3
February	128·8	27th	138·2	1st	118·7	50·8	58·5	48·0
March	141·5	5th & 22nd	147·6	1st	135·6	50·9	57·6	46·6
April				Imperfect.				
May				Ditto.				
June	150·9	10th	158·8	2nd	124·2	56·8	71·9	40·3
July	149·4	20th	160·8	2nd	100·8	59·4‡	77·5	19·7
August	146·7	25th	161·8	6th	104·4	58·9	71·8	21·9
September	152·2	2nd	163·6	25th	146·2	61·3§	79·9	54·4
October	142·6	8th	155·2	14th	89·0	55·5	65·4	11·9
November	138·7	8th	147·1	26th	132·3	59·4§	67·8	54·1
December	129·9	3rd	134·1	28th	126·8	55·9	60·3	48·3
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

30. KATMANDU (*corrected*).‖

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, sun and shade. Mean.	Difference, sun and shade. Maximum.	Difference, sun and shade. Minimum.
January	123·3§	14th	140·4	13th	71·9	55·2§	69·1	19·1
February	131·3	22nd & 25th	138·9	2nd, 9th & 10th.	124·4	58·3	67·6	53·4
March	140·8†	21st	149·4	27th	128·4	59·5†	69·2	50·2
April	142·0	7th	150·9	3rd	118·9	57·7	71·5	39·2
May	143·5	26th & 31st	153·9	27th	109·1*	55·8	66·5	34·9
June	143·5	8th	153·9	16th	115·4	56·5	69·9	33·7
July	150·3	9th & 24th	157·9	27th	139·4	61·7	70·7	50·2
August	144·8	30th	157·4	6th	111·4	58·5	70·5	32·4
September	145·4	14th	157·9	3rd	99·9	56·3	65·7	26·7
October	141·7†	19th	168·9	14th	68·9	56·9†	81·9	3·4
November	131·9¶	12th	142·9	16th	117·9	49·1¶	58·7	32·7
December	125·0	12th	135·9	22nd	116·4	47·4†	58·9	37·2
Year	138·6	...	168·9	...	68·9	56·1	81·9	3·4
Means of extremes	...	...	150·7	...	110·2	...	68·4	34·4

* On a stand, 4½ feet high.
‡ Mean of 25 days.
† Mean of 30 days.
§ „ „ 29 „
‖ On a stand, 4 feet high.
¶ Mean of 28 days.

31. SIBSAGAR (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference sun and shade. Mean.	Difference sun and shade. Maximum.	Difference sun and shade. Minimum.
January	116·8	11th	138·6	19th	73·6	50·9	69·6	14·6
February	129·5	28th	143·6	4th	87·6	57·1	66·2	26·6
March	131·2	31st	150·6	2nd	99·7	53·5	70·1	26·1
April	140·3	20th	152·6	29th	111·8	56·0	70·2	34·1
May	147·9	12th & 26th	155·6	15th	121·7	58·8	67·6	40·7
June	144·6	19th	158·7	2nd	91·6	56·0	66·6	17·2
July	149·0	31st	161·7	21st	99·4	57·3	70·3	18·9
August	148·6	16th	160·2	9th	100·7	59·6	68·1	22·1
September	147·4	13th	158·6	15th	93·8	58·2	66·6	13·2
October	143·3	1st	152·6	10th	104·0	59·3	71·0	26·4
November	135·9	14th	147·6	29th	129·1	57·5	66·5	50·3
December	129·2	28th	140·0	25th	123·6	57·5	68·4	53·6
Year	138·6	...	161·7	...	73·6	56·6	71·0	13·2
Means of extremes	...	...	151·7	...	103·1	...	68·4	28·7

32. DHUBRI (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, sun and shade. Mean.	Difference, sun and shade. Maximum.	Difference, sun and shade. Minimum.
January	125·8	7th	135·0	20th	71·9	55·7	67·7	9·5
February	134·4	25th	143·8	1st	125·6	56·4	62·0	51·5
March	141·8	4th	149·3	1st	104·3	56·5	65·5	23·8
April	146·9†	24th	153·8	7th	136·1	59·8†	70·4	53·6
May	146·0‡	10th	156·8	31st	95·8	59·4‡	68·4	18·8
June	136·8§	9th	162·0	23rd	92·8	53·4§	74·4	13·5
July	152·4	22nd	169·1	1st	120·9	64·4	79·9	39·2
August	148·7	4th	163·8	5th	85·9	62·0	77·1	7·9
September	143·0	16th	156·1	5th	88·6	56·4	68·2	13·4
October	137·7	17th	146·8	26th	89·6	52·5	61·8	15·4
November	133·1	10th	150·1	30th	126·6	51·6	68·0	46·4
December	123·4	4th	134·3	30th	118·1	47·4	56·1	43·1
Year	139·2	...	169·1	...	71·9	56·3	79·9	7·9
Means of extremes	...	...	151·7	...	104·7	...	68·3	28·0

* On a stand, 4 feet high.
† Mean of 26 days.
‡ „ „ 25 „
§ „ „ 29 „

33. SILCHAR (*correct.d*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, sun and shade. Mean.	Difference, sun and shade. Maximum.	Difference, sun and shade. Minimum.
January	124·9	27th	131·1	8th	106·0	51·0	61·6	37·5
February	131·5	26th	147·2	3rd & 5th	125·4	50·5	62·8	45·6
March	132·4	31st	143·4	29th	103·9	48·6	57·7	27·0
April	140·6	24th	147·5	10th	126·6	50·7	55·6	45·7
May	142·1	29th	150·2	16th	110·1	50·6	58·9	27·5
June	136·2	27th	151·1	2nd	82·3	47·8	60·0	5·9
July	143·8	31st	153·6	19th	127·0	51·0	60·9	37·5
August	143·6	2nd	153·1	29th	115·1	53·7	63·7	32·7
September	145·2	11th	154·3	23rd	109·6	54·0	62·3	26·7
October	142·8	10th	151·3	13th	102·7	53·2	63·9	23·2
November	134·9	20th	144·9	1st	93·7	48·8	61·8	18·3
December	129·0	3rd	132·1	31st	124·1	47·7	53·9	42·7
Year	137·3	...	154·3	...	82·3	50·6	63·9	5·9
Means of extremes	...	...	146·7	...	110·5	...	60·3	30·9

* On a stand 4 feet high.

34. DARJEELING, ST. PAUL'S SCHOOL (*corrected*).†

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, sun and shade. Mean.	Difference, sun and shade. Maximum.	Difference, sun and shade. Minimum.
January	80·6‡	14th	126·0	30th	42·8	41·2‡	81·5	8·1
February	105·6§	22nd	126·6	2nd	64·3	58·1§	75·7	25·7
March	121·7‖	31st	135·9	3rd	77·0	66·5‖	79·8	23·8
April	125·5¶	22nd	139·1	14th	92·8	65·8¶	76·2	39·4
May	115·7§	18th	145·5	27th	63·8	52·6§	76·9	7·2
June	113·3**	10th	144·9	21st	64·8	49·1**	76·5	7·6
July	123·9	19th	144·5	29th	92·2	56·6	76·8	29·9
August	117·9	1st	144·3	20th	93·3	53·4	77·1	30·1
September	120·7**	27th	148·8	4th	75·8	55·3**	82·8	13·5
October	119·7‖	9th	136·9	13th	57·9	60·2‖	77·4	6·1
November	115·9**	15th	133·8	9th	83·0	61·1**	77·4	30·7
December	110·7‖	1st	118·9	23rd	86·2	61·4‖	70·3	37·3
Year	114·2	...	148·8	...	42·8	56·8	82·8	6·1
Means of extremes	...	...	137·1	...	74·5	...	77·4	21·6

† On a stand 3 feet 4 inches high.
‡ Mean of 25 days.
§ „ „ 27 „
‖ Mean of 30 days.
¶ „ „ 29 „
** „ „ 28 „

35. PURNEAH (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, sun and shade. Mean.	Difference, sun and shade. Maximum.	Difference, sun and shade. Minimum.
January	113·7	18th & 30th	126·3	13th	83·3	44·3	51·1	15·1
February	123·1	28th	132·3	10th	115·3	46·2	48·1	42·1
March	135·9	24th	140·3	1st	132·3	47·4	56·1	45·1
April	142·7	15th & 21st	150·3	10th	134·3	48·9	59·1	44·0
May	137·6	25th	152·3	31st	82·3	42·2	52·1	6·7
June	132·2	11th, 12th, & 25th.	145·3	16th	99·3	43·7	54·1	16·1
July	138·1	16th	146·3	3rd	105·3	48·6	55·1	22·1
August	134·0	17th & 18th	146·3	15th	102·3	46·9	58·1	21·1
September	137·4	19th & 27th	147·3	4th	101·3	49·4	60·1	24·1
October	134·2†	7th	147·3	14th	103·3	48·7†	56·1	18·1
November	127·1	17th	134·3	26th	122·3	46·2	52·1	43·7
December	118·2	3rd	123·3	20th & 29th	114·3	43·7	47·1	39·6
Year	131·2	...	152·3	...	82·3	46·4	60·1	6·7
Means of extremes	...	...	140·5	...	108·0	...	54·1	28·2

* On a stand 3 feet 10 inches high.

36. PATNA (*corrected*).‡

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, sun and shade. Mean.	Difference, sun and shade. Maximum.	Difference, sun and shade. Minimum.
January	115·9	27th & 29th.	123·8	13th	87·9	45·1	53·2	18·7
February	124·1	25th	138·4	9th	115·9	46·1	54·0	42·0
March	135·6	25th	142·4	29th	128·4	45·8	51·6	39·5
April	144·2	24th	151·4	14th	131·8	46·3	52·0	41·1
May	140·0†	18th	157·4	27th	87·4	41·9†	49·9	11·3
June	137·9	18th	146·8	2nd	120·6	46·3	56·6	35·7
July	139·1	21st	147·4	30th	123·8	48·5	60·4	39·0
August	137·6	25th	150·2	15th	125·8	49·1	59·2	40·5
September	135·7	9th	143·8	6th	101·0	44·7	54·2	19·9
October	131·6	5th	141·9	14th	86·4	43·7	50·2	11·1
November	127·4	1st & 4th	133·4	26th	122·4	44·7	48·1	38·4
December	120·5	31st	125·0	28th	115·4	45·2	52·9	41·6
Year	132·5	...	157·4	...	86·4	45·6	60·4	11·1
Means of extremes	...	...	141·8	...	112·2	...	53·5	31·6

† Mean of 29 days.

‡ On a stand 3 feet 9 inches high.

37. HAZARIBAGH (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	122·4†	4th	135·2	7th	68·7	53·0†	66·3	7·1
February	Imperfect.							
March	148·3	28th	158·9	1st	142·9	59·3	65·9	55·7
April	157·0	29th	166·4	8th	140·9	60·1	66·7	54·7
May	155·9	15th	167·4	26th	92·1	59·3	67·9	15·2
June	152·1	8th & 10th	160·4	20th	94·4	61·7	74·8	17·5
July	149·5	20th	158·9	9th	128·7	64·9	71·0	47·5
August	147·6	7th	160·4	6th	110·1	64·1	76·5	31·9
September	149·1	19th	159·4	16th	130·7	64·2	71·2	51·3
October	144·8	6th	156·9	14th	124·4	61·6	72·3	45·5
November	135·8	2nd	150·4	25th	130·1	57·8	70·5	52·5
December	128·7	31st	141·9	27th	117·1	56·6	67·5	52·7
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

* On a stand 3 ½ feet high.
† Mean of 24 days.

38. BERHAMPORE (*corrected*).‡

Mean.	Maximum.		Minimum.		Difference, sun and shade.		
	Day.	°	Day.	°	Mean.	Maximum.	Minimum.
128·3§	6th	136·6	20th	90·6	55·0§	61·5	25·9
136·0	25th	148·6	2nd	128·1	55·5	61·0	52·0
145·9	17th	155·1	3rd, 27th & 29th	139·6	56·3	68·5	51·9
150·1	22nd&23rd	157·6	8th	129·6	54·7	61·2	47·0
150·9	18th	161·6	31st	119·1	56·1	67·0	32·5
149·4	26th	158·6	1st	131·6	57·9	65·9	44·0
151·5	17th	160·1	28th	139·6	62·5	71·5	53·0
148·5	19th	162·6	8th	103·6	60·2	72·5	21·0
148·5	7th	154·6	25th	135·6	60·0	66·0	49·0
143·7	6th	154·1	26th	87·6	57·0	65·0	13·0
137·0	3rd	142·6	26th	130.6	55·1	59·5	51·0
130·6	25th	134·6	18th, 19th & 29th.	127·6	54·3	59.5	51·5
143·4	...	162·6	...	87·6	57·1	72·5	13·0
...	...	152·2	...	121·9	...	64·9	41·0

‡ On a stand 4 feet 2 *inches* high.
§ Mean of 30 days.

39. BURDWAN (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	134·6	15th	143·0	21st	101·8	58·1	65·8	35·9
February	141·3	25th	151·0	1st, 2nd, 10th & 11th	134·0	58·2	61·9	54·9
March	150·6	9th	157·0	2nd	143·0	57·3	64·4	52·6
April	152·6	23rd	161·0	15th	146·0	55·2	63·0	51·3
May	152·7	25th	164·0	31st	132·0	56·9	72·6	41·4
June	148·7	17th	162·0	12th	120·0	55·2	66·2	24·2
July	150·9	5th	159·8	18th	126·8	60·7	69·8	33·2
August	152·4	8th	162·2	6th	135·0	62·5	72·8	48·0
September	149·9	13th	159·0	20th	111·0	60·0	68·9	28·7
October	148·9	10th	157·7	31st	135·0	61·0	67·8	51·5
November	141·4	17th	148·0	1st	130·0	58·1	62·5	49·5
December	134·5	25th	141·2	27th	117·0	56·9	64·2	44·5
Year	146·5	...	164·0	...	101·8	58·3	72·8	24·2
Means of extremes	...	...	155·5	...	127·6	...	66·7	43·0

* On a stand 4 feet high.

40 JESSORE (*corrected*).†

Mean.	Maximum.		Minimum.		Difference, sun and shade.		
	Day.	°	Day.	°	Mean.	Maximum.	Minimum.
130·7	20th	136·4	26th	119·9	55·2	59·5	48·2
137·4	25th	146·5	10th	130·2	54·8	57·6	52·2
145·2	25th	153·3	29th	129·0	53·5	59·0	38·5
147·4	22nd	153·9	8th	121·1	51·4	56·8	36·4
146·9	15th	160·1	9th	120·8	53·6	63·6	36·9
140·1	26th	153·7	23rd	103·9	48·5	62·2	17·4
141·8	16th	161·1	18th	95·1	52·6	69·7	13·1
144·1	26th	155·3	6th	114·5	54·6	63·7	27·6
148·4‡	1st	155·7	16th	134·7	58·3‡	65·5	47·8
144·0	7th	150·9	14th	125·9	56·2	62·9	41·1
138·5	6th	146·1	1st	108·7	54·3	62·6	33·6
131·6	4th	137·1	25th	119·7	53·1	58·3	43·9
141·3	...	161·1	...	95·1	53·8	69·7	13·1
...	...	150·8	...	118·6	...	61·8	36·4

† On a stand 3 feet 4½ inches high. ‡ Mean of 29 days.

41. DACCA (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	128·2	12th	139·9	26th	107·1	53·1	62·0	42·3
February	136·0	25th	142·9	2nd	127·6	54·0	59·1	51·7
March	143·7	6th	153·4	30th	127·4	54·8	65·3	50·3
April	148·3	17th	155·3	8th	137·9	55·7	62·3	52·1
May	146·2	8th	154·7	26th	117·1	55·1	61·5	35·1
June	142·0	18th & 27th	154·1	1st	88·1	52·0	65·5	6·0
July	145·8	19th	159·1	10th	125·1	57·2	69·3	38·9
August	143·5	17th	156·3	2nd	102·1	55·1	64·4	20·4
September	147·3	19th	155·0	15th	122·0	58·0	64·9	37·0
October	142·8	11th	151·1	14th	114·1	55·5	63·2	33·9
November	136·8	6th	162·5	1st	96·8	53·3	79·4	21·5
December	129·8	5th	138·6	31st	122·6	51·1	58·0	44·4
Year	140·9	...	162·5	...	88·1	54·6	79·4	6·0
Means of extremes	...	...	151·9	...	115·7	...	64·6	36·1

* On a stand 3 feet 2½ inches high.

42. CHITTAGONG (*corrected*).†

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	131·7	13th	139·9	22nd	93·9	55·6	64·0	27·4
February	138·6	7th, 18th, 20th & 22nd.	143·9	2nd	130·9	58·1	63·5	54·0
March	139·5	16th, 18th, 19th & 25th.	146·9	30th	91·9	55·5	63·3	19·8
April	146·0	17th	151·9	21st & 22nd	141·9	56·4	61·6	52·0
May	143·1	20th & 23rd	152·9	10th	98·9	54·0	60·9	20·0
June	141·2	9th	151·9	27th	103·9	54·6	62·1	24·2
July	141·7	17th	153·9	14th	115·9	55·9	66·1	34·4
August	145·8	23rd	152·9	7th	113·9	59·9	68·0	35·6
September	147·2	7th & 11th	154·9	24th	122·9	60·6	66·7	43·7
October	146·2	10th	155·9	31st	101·9	58·8	68·0	16·3
November	140·0	17th	151·9	1st	84·9	56·2	64·8	0·8
December	134·6‡	1st	139·9	18th, 29th & 31st.	130·9	55·8‡	60·8	52·8
Year	141·3	...	155·9	...	84·9	56·8	68·0	0·8
Means of extremes	...	...	149·7	...	111·0	...	64·2	31·8

† On a stand 3 feet 10 inches high.
‡ Mean of 30 days.

43. CALCUTTA (ALIPORE) (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	128·9	26th	140·9	21st	110·6	53·7	63·4	38·6
February	137·5	21st	146·4	9th	128·5	56·6	61·9	52·9
March	145·5	25th	152·5	30th	135·8	55·8	62·1	52·0
April	148·1	20th	155·6	8th	96·2	55·0	64·5	17·7
May	151·1	24th	158·5	26th	133·7	58·3	64·8	49·4
June	146·1	26th	159·5	21st	103·7	56·3	68·0	17·0
July	140·3	4th	155·9	18th	101·7	53·2	67·2	15·0
August	147·3	27th	156·7	1st	96·7	59·8	69·2	15·8
September	143·4	6th	153·6	10th	99·9	56·1	66·5	14·4
October	142·2	11th	154·2	31st	110·0	56·8	68·1	30·3
November	132·1	18th	142·0	3rd	94·5	51·0	59·0	16·0
December	127·7	3rd	132·5	28th	115·5	51·6	58·2	43·1
Year	140·9	...	159·5	...	94·5	55·4	69·2	14·4
Means of extremes	...	...	150·7	...	110·6	...	64·4	30·2

* On a stand 4 feet high.

44. SAUGOR ISLAND (*corrected*).†

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	137·0	20th	143·7	1st to 3rd & 6th to 8th.	134·7	60·1	63·5	55·5
February	141·2	17th	147·7	10th	134·7	60·2	63·5	56·1
March	145·2	22nd	157·7	30th	104·7	57·3	65·5	21·5
April	149·5	24th	153·8	2nd, 7th & 30th.	144·7	59·1	64·5	53·3
May	145·4	22nd	155·5	26th	105·6	53·4	65·0	19·4
June	142·1	10th	152·7	28th	100·7	51·5	60·8	11·7
July	138·6‡	22nd	160·0	28th	84·1	51·2‡	71·1	0
August	142·2	5th	153·4	1st	90·7	54·1	63·5	4·5
September	138·6	28th	156·9	24th	82·5	50·5	67·4	0·5
October	141·2	15th	160·7	12th	87·7	55·0	72·5	9·7
November	134·1§	29th	143·9	1st	87·5	53·2§	61·3	10·2
December	135·3	28th	138·7	26th	113·7	59·1	63·5	41·7
Year	140·9	...	160·7	...	82·5	55·4	72·5	0
Means of extremes	...	...	152·1	...	105·9	...	65·2	23·7

† On forked sticks 6 inches high.
‡ Mean of 30 days.
§ ,, ,, 29 ,,

45. CUTTACK (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	136·1†	21st	144·5	13th	130·3	51·3†	57·5	44·2
February	142·8	22nd	152·3	9th	131·7	53·2	57·7	44·5
March	147·2	5th	154·4	27th	139·3	51·7	56·9	44·9
April	153·9	17th	177·3	8th	144·3	53·4‡	75·5	46·3
May	149·8	15th	166·6	25th	102·8	48·4	57·0	16·4
June	148·4	5th	163·3	19th	108·5	53·4	66·4	13·5
July	136·7†	25th	157·3	18th & 28th	102·3	47·5†	65·9	17·5
August	141·5	5th & 28th	156·3	1st & 22nd	104·3	57·8	79·5	22·0
September	142·3	6th	157·3	15th	102·3	52·3	65·9	21·0
October	141·7	9th	150·8	10th	111·3	52·2	61·4	28·0
November	122·6§	10th	147·3	25th	102·3	36·2§	59·2	16·3
December	102·8	6th	109·3	25th	91·3	20·1	24·0	13·0
Year	138·8	...	177·3	...	91·3	48·1	79·5	13·0
Means of extremes	...	...	153·1	...	114·2	...	60·6	27·3

46. FALSE POINT (*corrected*).‖

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	128.4	27th	136·6	10th	122·2	49·3	61·1	42·6
February	135·7	22nd	146·2	3rd	129·6	53·6	64·2	48·6
March	138·6†	13th	145·2	31st	133·4	52·1†	60·6	48·8
April	142·6	16th	148·2	6th	139·8	54·1	60·8	51·7
May	141·4	23rd	153·0	25th	88·9	51·5	63·1	8·7
June	143·9	28th	154·4	19th	101·5	54·7	64·7	18·1
July	133·1†	4th	152·6	18th	102·4	46·2†	64·0	18·8
August	138·2	10th	154·4	1st	90·4	51·2	67·1	1·3
September	138·0	18th	151·4	22nd	82·0	50·0	63·2	2·2
October	135·4	7th	147·4	31st	85·6	48·3	58·4	9·4
November	128·4	11th	140·0	3rd	88·0	46·6	53·8	11·1
December	125·6	27th	129·4	26th	110·1	48·2	52·9	35·0
Year	135·8	...	154·4	...	82·0	50·5	67·1	1·3
Means of extremes	...	...	146·6	...	106·2	...	61·2	24·7

* On a stand 3 feet 2 inches high.
† Mean of 30 days.
‖ On a stand 3 feet 1½ inches high.
‡ Mean of 29 days.
§ Mean of 28 days.

47. SAMBALPUR (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	125·1	21st	134·1	23rd	120·1	43·2	54·8	39·1
February	134·0	26th & 27th	143·6	1st	125·6	46·4	52·0	41·2
March	146·6	29th	154·7	10th	142·4	48·0	53·6	44·3
April	152·7	20th	161·5	3rd	106·4	50·1	57·8	23·1
May	158·9	22nd	168·8	26th	113·8	51·3	64·3	20·3
June	156·3	4th	166·8	20th	120·3	58·2	67·2	36·0
July	136·1	4th	161·0	11th	91·0	49·7	68·2	13·3
August	141·9	31st	156·1	8th	101·8	55·0	66·8	23·1
September	145·3	3rd	159·4	15th	94·1	56·5	70·4	13·6
October	138·8	11th	154·6	26th	88·8	51·3	66·6	20·0
November	131·1	5th	145·8	4th	120·6	46·5	60·6	36·9
December	122·9	31st	134·9	27th	104·8	42·5	53·2	30·7
Year	140·8	...	168·8	...	88·8	49·9	70·4	13·3
Means of extremes	...	...	153·4	...	110·8	...	61·3	28·5

48. RAIPUR (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	140·3	13th	147·1	9th	133·1	59·6	67·8	55·1
February	146·4	28th	156·3	1st	139·3	60·1	65·5	54·3
March	156·1	24th	161·9	9th	151·6	58·3	63·3	54·8
April	162·8	30th	169·1	3rd	149·6	60·0	68·4	52·7
May	166·6	27th	173·6	31st	15·81	57·4	67·8	49·5
June	152·9	4th	171·1	15th	136·6	57·3	64·5	45·0
July	137·6	19th	156·9	25th	83·1	53·4	68·0	5·4
August	137·7	16th	158·6	22nd	82·1	53·3	71·0	7·6
September	152·1	25th	158·3	11th	125·3	65·0	71·3	45·2
October	150·1	4th	161·6	27th	141·6	63·7	71·7	58·1
November	143·4	10th	154·6	5th	133·1	60·2	68·3	50·3
December	136·8	31st	147·3	27th	83·1	59·6	67·8	18·7
Year	148·6	...	173·6	...	82·1	58·9	71·7	5·4
Means of extremes	...	...	159·7	...	126·4	...	68·0	41·4

* On a stand 4 feet high.

49. (NAGPUR *corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	141·3	12th & 30th	146·1	22nd	135·9	57·6	65·9	51·2
February	147·8	28th	158·1	9th	139·1	58·2	64·7	54·6
March	158·7	25th	166·7	19th	153·3	58·7	64·1	55·4
April	164·5	29th	175·4	3rd	152·4	59·6	66·4	55·3
May	167·3	21st	174·0	5th & 14th	162·1	57·2	63·5	52·0
June	151·0	5th	168·9	14th	88·9	55·1	66·2	11·7
July	131·4	23rd	154·1	11th	93·1	47·4	71·5	15·0
August	137·3	29th	156·3	23rd	91·1	52·7	68·1	15·1
September	150·6	9th	162·4	16th	125·1	62·5	70·3	41·7
October	147·4	5th	158·9	12th	125·9	59·9	67·7	50·5
November	142·2	5th	153·9	29th	136·9	58·5	67·6	53·9
December	136·7	31st	146·9	27th	122·9	57·1	69·2	49·7
Year	148·0	...	175·4	...	88·9	57·0	71·5	11·7
Means of extremes	...	...	160·1	...	127·2	...	67·1	42·2

* On a stand 4 feet high.

50. SEONI (*corrected*).†

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	134·0	1st	139·0	15th	129·1	55·8	62·4	49·3
February	141·7	28th	153·6	9th	130·2	57·2	63·7	52·8
March	153·9	24th	160·6	7th	149·4	58·9	64·8	54·6
April	160·7	27th	167·2	8th	153·1	60·4	67·4	56·1
May	161·5	30th	167·5	28th	155·0	56·7	62·3	50·9
June	147·5	7th	162·5	14th	110·9	54·2	64·0	25·3
July	129·0	1st	152·5	11th	91·4	47·8	67·0	15·3
August	131·5	17th	152·4	7th	100·1	49·8	66·6	22·4
September	146·6	28th	157·9	16th	119·5	61·8	71·3	39·2
October	142·3	6th	156·5	12th	99·1	57·7	66·8	19·8
November	138·8	8th	149·7	25th	133·4	58·4	66·4	55·5
December	133·5	6th	139·4	27th	86·1	56·9	62·0	11·1
Year	143·4	...	167·5	...	86·1	56·3	71·3	11·1
Means of extremes	...	...	154·9	...	121·4	...	65·4	37·7

† On a stand 1 foot 10 inches high.

51. JUBBULPORE (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	136·8	6th	140·9	16th	130·2	60·3	69·0	55·9
February	144·0	26th	156·8	6th & 9th	134·2	63·3	68·1	58·3
March	154·2	27th	159·1	18th	150·6	61·4	65·3	57·7
April	163·5	28th	168·3	2nd	158·0	62·5	65·8	58·8
May	167·8	20th	173·0	7th	160·3	61·4	65·8	56·4
June	157·7	1st	168·5	21st	129·6	60·9	65·3	47·9
July	139·7	5th	155·2	28th	90·8	57·1	67·1	15·7
August	143·6	19th	166·3	23rd	114·6	61·0	71·7	39·5
September	147·1	7th	158·8	12th	130·2	60·8	69·5	50·1
October	138·2	3rd	149·0	14th	113·8	53·8	59·7	41·1
November	132·0	9th	136·1	24th	127·9	51·7	54·3	47·3
December	129·0	29th	138·8	27th	95·8	52·9	65·9	30·3
Year	146·1	...	173·0	...	90·8	58·9	71·7	15·7
Means of extremes	...	...	155·4	...	128·0	...	65·6	46·6

* On a stand 3 feet high.

52. SAUGOR (*corrected*).†

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	131·3	3rd	139·7	22nd	123·3	55·7	60·0	47·6
February	136·9	28th	152·3	1st	123·2	56·8	60·6	52·3
March	149·1	27th	156·1	15th	143·7	57·8	59·9	55·5
April	158·5	25th	165·3	2nd	147·7	58·1	61·9	54·9
May	160·8	30th	166·7	16th	154·0	54·3	56·1	50·9
June	146·9	6th	160·3	11th	127·3	49·8	58·3	31·5
July	126·3	1st & 24th	145·3	11th	79·3	43·6	59·6	4·4
August	132·7	19th	153·3	3rd	96·7	50·6	66·2	19·4
September	143·9	8th	155·3	16th	110·3	58·2	67·4	32·0
October	142·1	8th	157·7	13th	96·7	57·3	66·9	25·4
November	134·1	9th	143·9	7th	117·7	55·3	63·6	48·1
December	131·2	30th	137·5	28th	113·7	55·3	60·4	43·9
Year	141·2	...	166·7	...	79·3	54·4	67·4	4·4
Means of extremes	...	...	152·8	...	119·5	...	61·7	38·8

On a stand 8 feet 8 inches high.

53. PACHMARHI (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	130·7	1st	148·4	13th	118·6	61·0	77·3	51·0
February	136·5	21st	148·6	9th	125·8	61·3	68·1	58·0
March	145·4	27th	150·4	14th	138·5	60·9	67·9	54·9
April	152·8	14th	161·8	3rd	144·6	60·6	72·1	54·6
May	152·0	28th	165·4	15th	146·8	56·7	69·7	51·9
June	142·4	6th	156·1	29th	112·4	58·3	71·7	35·6
July	119·1	1st	149·6	11th	87·6	45·6	72·1	18·7
August	119·9	13th	159·1	24th	82·1	46·3	80·4	12·7
September	137·8	9th	152·4	2nd	85·8	61·3	71·9	14·4
October	135·4	2nd	149·4	12th	83·6	58·9	69·7	18·6
November	131·8	8th & 11th	139·6	23rd	124·6	59·7	64·3	54·6
December	128·6	7th & 8th	133·6	27th	86·6	58·8	62·3	26·6
Year	136·0	...	165·4	...	82·1	57·5	80·4	12·7
Means of extremes	...	...	151·2	...	111·4	...	70·6	37·6

* On a stand 3 feet high.

54. HOSHANGABAD (*corrected*).†

Month.	Mean	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	114·3	19th	135·3	1st	91·6	33·0	51·7	10·2
February	133·8	28th	148·9	8th	118·3	48·2	55·5	40·6
March	151·8‡	30th	157·5	15th	146·1	54·9‡	61·0	51·2
April	163·7	27th	169·4	7th	154·8	57·9	63·3	52·3
May	163·7‡	19th	169·2	23rd	158·0	54·8‡	60·2	49·9
June	155·0	19th	167·8	21st	135·2	57·8	74·2	47·2
July	134·8	2nd	154·0	11th	92·8	50·2	68·2	16·4
August	139·1	6th & 12th	152·0	22nd	96·4	54·9	68·0	14·5
September	146·9	30th	159·0	16th	98·4	59·5§	68·2	22·2
October	144·9	1st	161·0	12th	84·0	56·6	69·4	6·9
November	138·3	9th	152·0	6th	85 0	55·5	66·0	12·7
December	135·8	29th	140·5	27th	105·4	56·4	60·4	36·7
Year	143·5	...	169·4	...	84·0	53·3	74·2	6·9
Means of extremes	...	...	155·6	...	113·8	...	63·8	30·1

† On a stand 2 feet 5 inches high.
‡ Mean of 30 days.
§ „ „ 29 „

55. KHANDWA (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	139·8	17th	146 9	21st	133·2	57·1	62·6	53·4
February	147·0	27th	158·2	9th	135·9	59·0	62·6	56·8
March	156·3	23rd	165·2	15th	148·9	59·0	63·8	56·4
April	165·0	22nd	172·3	3rd	157·9	60·7	67·7	57·0
May	157·0	1st	168·0	26th	113·9	52·9	59·6	8·7
June	153·4	5th	169·1	26th	138·8	58·8	67·2	48·4
July	136·7	1st	158·1	11th	109·9	53·1	68·3	31·7
August	141·1	18th	158·1	23rd	98·3	57·8	73·1	22·1
September	148·1	9th	162·9	16th	104·4	62·1	71·5	31·1
October	147·0	3rd	161·3	13th	93·7	58·7	71·8	20·8
November	142·2	5th	153·7	6th	94·9	59·1	71·4	27·6
December	139·0	31st	143·4	27th	92·2	57·7	65·1	22·3
Year	147·7	...	172·3	...	92·2	58·0	73·1	8·7
Means of extremes	...	...	159·8	...	118·5	...	67·1	36·4

56. CHANDA (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	121·3	15th	126·1	22nd	115·1	35·1	40·0	31·8
February	127·7	21st	139·4	10th	118·6	35·5	44·5	30·6
March	137·9	31st	146·7	24th	120·9	36·5	44·6	25·8
April	144·9	29th	154·5	3rd	131·9	39·0	44·7	34·5
May	148·1†	20th	153·3	27th	139·1	37·4†	41·7	30·8
June	143·7	22nd	161·5	14th	87·4	48·5	67·1	10·2
July	128·5	2nd	158·4	15th	75·0	44·4	67·8	1·8
August	138·7	17th	161·3	7th	96·3	52·8	72·0	17·4
September	144·0	25th	159·8	14th	98·3	56·3	69·1	20·4
October	150·3	3rd	157·6	29th	144·0	62·0	70·3	56·7
November	145·1	2nd	154·6	28th & 29th	137·3	59·8	69·4	52·8
December	140·0‡	28th	150·5	3rd	136·0	58·4‡	72·7	54·9
Year	139·2	...	161·5	...	75·0	47·1	72·7	1·8
Means of extremes	...	...	152·0	...	116·7	...	58·7	30·6

* On a stand 4 feet high.
† Mean of 30 days.
‡ „ „ 28 „

57. SIRONCHA (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, sun and shade. Mean.	Difference, sun and shade. Maximum	Difference, sun and shade. Minimum.
January	Not recorded							
February								
March								
April	155·4†	19th	161·7	15th	141·2	50·5†	55·6	44·4
May	160·2	20th	165·6	6th	153·7	50·4	57·0	47·3
June	147·8	9th	161·7	13th	95·2	53·4	66·9	18·5
July	127·2	1st	155·4	24th	89·6	42·6	65·0	13·2
August	136·8	13th	156·2	19th	85·8	51·1	68·0	6·7
September	146·1	9th	157·5	15th	114·2	57·3	66·9	31·2
October	149·7	8th	157·4	31st	135·2	60·0	70·6	50·1
November	142·4	10th	151·6	28th	135·6	56·5	64·8	51·8
December	133·9	30th	140·4	26th	89·4	51·7	56·6	19·1
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

* On a stand 3 feet high. † Mean of 22 days.

58. CHIKALDA (*corrected*).‡

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, sun and shade. Mean.	Difference, sun and shade. Maximum.	Difference, sun and shade. Minimum.
January	127·7	30th	135·9	20th	101·9	56·6	65·7	37·2
February	138·7	27th	148·8	6th	130·2	60·8	67·2	52·5
March	145·8	23rd	152·7	20th	135·2	60·1	67·5	46·2
April	153·8	15th	161·7	2nd	135·5	61·9	70·7	49·3
May	150·2	28th	156·1	9th & 13th	145·2	57·8	65·5	34·7
June	139·2	4th	158·2	14th	86·7	58·0	74·9	15·3
July	112·5	2nd	142·1	11th	80·7	41·4	66·4	14·3
August	122·3	18th	150·7	23rd	79·2	50·8	74·0	11·6
September	133·8	28th	149·7	17th	94·2	60·2	72·0	25·8
October	138·3	1st	153·7	12th	76·5	62·6	75·3	14·3
November	134·7	4th	148·5	6th	95·7	62·0	72·	27·7
December	130·8	18th	139·2	27th	75·5	60·5	70·2	17·5
Year	135·7	...	161·7	...	75·5	57·7	75·8	11·6
Means of extremes	...	...	149·8	...	103·0	...	70·2	30·5

‡ On a stand 4 feet high.

59. BULDANA (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, sun and shade. Mean.	Difference, sun and shade. Maximum.	Difference, sun and shade. Minimum.
January	Untrustworthy.							
February	Ditto.							
March	Ditto.							
April	Ditto.							
May	Ditto.							
June	Not recorded.							
July	Imperfect.							
August	135·2	13th	150·2	11th	97·9	54·3	68·4	19·5
September	140·5	2nd	150·3	13th	106·7	59·1	67·7	30·8
October	142·6	1st	157·4	13th	105·6	59·1	74·2	33·9
November	139·5	9th	151·7	25th	133·2	60·4	70·1	55·9
December	133·7	29th	139·9	30th	95·3	57·0	62·7	20·9
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

60. AKOLA (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, sun and shade. Mean.	Difference, sun and shade. Maximum.	Difference, sun and shade. Minimum.
January	140·8	3rd	147·9	21st	133·5	55·0	61·9	50·6
February	146·1	27th	154·3	1st	137·4	55·8	61·2	52·7
March	154·0	21st	163·8	16th	149·6	54·5	61·2	49·9
April	160·8	22nd	165·8	3rd	149·6	54·9	60·9	49·6
May	155·6	1st	161·9	7th	151·8	49·5	55·9	45·2
June	147·8	5th	165·1	12th	113·9	51·9	65·4	24·2
July	129·4	1st	155·4	15th	86·8	44·5	62·5	7·7
August	134·7	13th	154·7	11th	91·2	49·5	67·0	13·3
September	143·4	30th	156·5	16th	106·3	55·7	65·6	26·8
October	145·4	7th	158·6	12th	123·4	56·6	65·0	44·3
November	139·7	12th	148·5	29th	133·6	55·0	60·4	50·6
December	133·1	31st	138·3	27th	99·2	51·7	55·9	22·8
Year	144·2	...	165·8	...	86·8	52·9	67·0	7·7
Means of extremes	...	...	155·9	...	123·0	...	61·9	36·5

* On a stand 4 feet high.

61. AMRAOTI (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, sun and shade. Mean.	Difference, sun and shade. Maximum.	Difference, sun and shade. Minimum.
January	139·6	3rd	144·4	21st	132·7	54·8	61·0	49·3
February	146·2	21st	155·8	6th	137·1	55·9	62·4	53·0
March	155·5	24th	163·6	4th	145·1	55·5	61·6	44·3
April	160·9†	29th	166·0	2nd	150·8	54·4†	59·9	49·5
May	159·0	1st	167·0	21st	143·7	51·5	61·8	36·0
June	143·8	5th	158·0	14th	114·4	49·2	59·2	25·7
July	Imperfect.							
August	132·8	18th	148·6	20th	88·6	48·8	64·5	3·0
September	143·3	29th	155·0	16th	100·9	55·8	63·8	24·9
October	142·7	6th	158·0	12th	102·6	54·4	63·2	24·3
November	140·6	8th	150·8	30th	133·2	55·8	64·8	49·8
December	133·0	14th	141·9	27th	104·6	52·2	60·8	27·2
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

* On a stand 3·9 feet from September previously 4 feet high.
† Mean of 19 days.

62. NEEMUCH (*corrected*).‡

Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, sun and shade. Mean.	Difference, sun and shade. Maximum.	Difference, sun and shade. Minimum.
146·7§	13th	153·8	22nd	140·7	68·6§	73·6	62·3
Imperfect.							
153·4	11th	162·5	14th	150·7	Imperfect.		
Imperfect.							
167·5‖	11th	173·9	9th	160·9	61·7‖	70·2	52·1
160·6	8th	169·1	12th	154·2	63·8	73·8	57·4
150·2	10th	163·2	13th	103·3	65·4	76·8	24·4
148·8	15th	164·0	3rd	109·7	65·8	77·0	34·0
148·7	30th	161·2	14th	104·7	61·4	74·3	25·4
157·4	8th	164·7	2nd	146·2	67·9	72·6	55·7
147·6	11th	158·7	6th	109·7	64·7	73·8	38·1
143·3	8th	153·2	31st	137·3	64·3	71·0	58·4
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...

‡ On a stand 4 feet high.
§ Mean of 26 days.
‖ ,, ,, 21 ,,

63. NOWGONG (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, sun and shade. Mean.	Difference, sun and shade. Maximum.	Difference, sun and shade. Minimum.
January	129·8†	21st	140·3	12th	77·4	57·6†	72·8	15·9
February	140·0	28th	151·7	9th	131·9	59·3	64·0	54·5
March	152·2	25th	167·2	15th	146·4	58·9	70·2	53·7
April	160·8	25th	167·9	7th	152·9	57·5	63·0	51·9
May	165·4	21st	172·4	3rd	159·4	56·3	61·7	50·0
June	159·0	8th	168·9	26th	130·9	55·3	64·4	34·4
July	141·9	5th	164·4	10th	105·7	54·0	72·3	22·2
August	140·2	30th	160·4	1st	99·4	53·6	68·9	18·3
September	147·6	8th	158·4	16th	133·4	57·9	65·9	45·8
October	144·1	10th	156·2	13th	90·4	56·5	64·1	17·8
November	137·1	5th	145·7	7th	82·4	57·5	62·6	16·5
December	134·3	15th	145·7	30th	86·4	57·7	63·8	16·8
Year	146·0	...	172·4	...	77·4	56·8	72·8	11·9
Means of extremes	...	...	158·3	...	116·4	...	66·1	32·8

* On a stand 4½ feet high.
† Mean of 30 days.

64. SUTNA (*corrected*.)‡

Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, sun and shade. Mean	Difference, sun and shade. Maximum	Difference, sun and shade. Minimum.
130·0	19th	143·0	11th	108·5	58·4	71·4	47·3
134·8	28th	143·7	9th	126·7	55·2	59·6	51·0
145·5	25th	151·7	15th	140·5	53·9	56·5	49·8
155·3	29th	164·7	1st	147·5	54·1	61·8	50·8
159·3	22nd	165·7	27th	152·5	53·0	62·8	50·4
154·7	6th	166·0	21st	121·5	54·2	63·3	37·4
142·0	19th	156·5	28th	107·0	55·9	66·3	27·4
142·0	17th	158·5	8th	109·5	57·5	69·3	29·9
145·1	9th & 15th	153·5	2nd	122·7	57·3	65·3	43·1
140·0	5th	151·5	13th	97·5	54·6§	63·9	26·9
136·4	2nd	150·5	7th & 28th	132·3	56·8	69·4	52·6
129·9	30th	136·0	27th	102·0	53·8	56·9	36·0
142·9	...	166·0	...	97·5	55·4	71·4	26·9
...	...	153·4	...	122·4	...	63·9	41·9

‡ On a stand 4 feet high.
§ Mean of 26 days.

65. INDORE (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.			Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	o	Day.	o	Mean.	Maximum.	Minimum.		Day.	o	Day.	o	Mean.	Maximum.	Minimum.
January	136·3	12th	144·0	21st	128·5	57·4	63·4	53·5	136·9	27th	144·3	18th	124·3	68·0	75·8	61·2
February	142·7	20th	153·2	5th, 6th, 8th & 9th.	134·0	58·4	63·1	55·2	148·9	28th	168·3	8th	137·5	70·4	76·2	62·6
March	153·4	25th	159·5	15th	145·8	58·6	66·6	55·7	161·3	27th	170·1	8th	155·3	70·2	75·1	63·6
April	160·2	17th	167·2	7th	153·2	59·4	67·6	54·4	172·5	14th	183·9	6th	163·5	70·1	76·6	66·1
May	156·0	28th	164·0	9th	151·2	53·5	58·8	49·5	176·0	29th	186·9	14th	164·5	65·4	71·3	58·1
June	149·6	7th	160·8	18th	136·0	56·1	61·2	49·9	168·3	9th	179·5	22nd	145·9	63·1	71·4	47·6
July	130·4	1st	156·0	11th	93·5	49·4	67·9	19·4	170·4	26th	178·8	16th	154·7	71·0	83·2	58·7
August	133·8	30th	149·5	24th	87·5	53·3	65·4	11·5	171·2	18th	176·7	12th	164·5	74·4	80·9	68·4
September	140·7	10th	157·0	15th	89·0	57·1	69·8	15·9	168·4	10th	179·1	28th	160·3	67·7	73·1	63·2
October	146·1	1st	158·2	12th	104·1	60·1	73·3	26·2	162·6	9th & 10th	167·9	21st	156·1	66·7	71·2	63·9
November	137·0	11th	149·1	6th	93·0	56·1	66·9	14·3	150·3	1st	159·7	8th	144·7	65·0	70·1	59·9
December	133·6	17th	139·1	31st	106·2	55·5	62·8	34·1	143·1	9th	152·9	31st	131·7	65·7	73·3	60·1
Year	143·3	...	167·2	...	87·5	56·2	73·3	11·5	160·8	...	186·9	...	124·3	68·1	83·2	47·6
Means of extremes	...	...	154·8	...	118·5	...	65·6	36·6	...	...	170·7	...	150·3	...	74·9	61·1

* On a stand 3·8 feet high.

66. BICKANEER (*corrected*).†

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.			Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	o	Day.	o	Mean.	Maximum.	Minimum.		Day.	o	Day.	o	Mean.	Maximum.	Minimum.
January	136·9	27th	144·3	18th	124·3	68·0	75·8	61·2	120·4	11th	133·0	19th	71·4	50·3	63·0	11·2
February	148·9	28th	168·3	8th	137·5	70·4	76·2	62·6	135·4	28th	149·6	1st	124·9	56·9	65·2	52·1
March	161·3	27th	170·1	8th	155·3	70·2	75·1	63·6	148·8	25th	157·0	14th	139·4	58·9	66·9	54·0
April	172·5	14th	183·9	6th	163·5	70·1	76·6	66·1	157·5	27th	166·1	21st	146·8	57·3	66·7	46·8
May	176·0	29th	186·9	14th	164·5	65·4	71·3	58·1	156·6	2nd & 29th	166·0	24th	147·0	49·5	59·0	43·3
June	168·3	9th	179·5	22nd	145·9	63·1	71·4	47·6	150·7	8th	162·3	29th	133·0	48·2	56·3	34·7
July	170·4	26th	178·8	16th	154·7	71·0	83·2	58·7	137·8	7th & 9th	154·2	29th	98·0	49·3	63·7	10·6
August	171·2	18th	176·7	12th	164·5	74·4	80·9	68·4	136·9	13th	154·5	7th	97·0	51·4	66·5	17·9
September	168·4	10th	179·1	28th	160·3	67·7	73·1	63·2	144·0	15th	158·0	16th	115·1	53·1	67·1	29·4
October	162·6	9th & 10th	167·9	21st	156·1	66·7	71·2	63·9	145·6	7th	159·8	25th	141·4	54·5	63·3	50·6
November	150·3	1st	159·7	8th	144·7	65·0	70·1	59·9	136·0	8th	144·5	29th	130·5	53·1	62·3	49·4
December	143·1	9th	152·9	31st	131·7	65·7	73·3	60·1	127·9	10th	136·7	31st	118·8	51·7	55·8	48·6
Year	160·8	...	186·9	...	124·3	68·1	83·2	47·6	141·5	...	166·1	...	71·4	52·9	67·1	10·6
Means of extremes	...	...	170·7	...	150·3	...	74·9	61·1	...	...	153·5	...	121·9	...	63·0	37·4

† On a stand 4 feet high.

67. JEYPORE (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.			Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	o	Day.	o	Mean.	Maximum.	Minimum.		Day.	o	Day.	o	Mean.	Maximum.	Minimum.
January	123·2	3rd	132·1	19th	76·3	52·2	62·4	16·9	120·4	11th	133·0	19th	71·4	50·3	63·0	11·2
February	138·4	26th & 28th	155·0	4th	122·6	57·1	62·9	48·1	135·4	28th	149·6	1st	124·9	56·9	65·2	52·1
March	152·3	26th	159·9	14th	145·1	59·8	64·4	55·1	148·8	25th	157·0	14th	139·4	58·9	66·9	54·0
April	163·0	12th	170·3	1st	155·1	60·5	68·5	56·9	157·5	27th	166·1	21st	146·8	57·3	66·7	46·8
May	166·1	29th	174·0	24th	157·2	56·7	62·2	52·0	156·6	2nd & 29th	166·0	24th	147·0	49·5	59·0	43·3
June	161·8	7th	173·1	11th	155·1	58·1	64·5	49·0	150·7	8th	162·3	29th	133·0	48·2	56·3	34·7
July	144·3	22nd	170·0	31st	96·1	55·6	74·3	18·0	137·8	7th & 9th	154·2	29th	98·0	49·3	63·7	10·6
August	143·6	16th	162·0	7th	107·9	57·0	72·0	26·9	136·9	13th	154·5	7th	97·0	51·4	66·5	17·9
September	150·4	1st	162·0	16th	135·4	58·4	69·0	49·9	144·0	15th	158·0	16th	115·1	53·1	67·1	29·4
October	149·0	6th & 7th	163·0	27th	144·0	55·8	66·0	51·9	145·6	7th	159·8	25th	141·4	54·5	63·3	50·6
November	139·5	8th	143·7	19th & 25th	135·0	54·3	64·3	51·0	136·0	8th	144·5	29th	130·5	53·1	62·3	49·4
December	131·0	23rd	142·8	30th	120·0	52·0	61·8	42·6	127·9	10th	136·7	31st	118·8	51·7	55·8	48·6
Year	146·9	...	174·0	...	76·3	56·5	74·3	16·9	141·5	...	166·1	...	71·4	52·9	67·1	10·6
Means of extremes	...	...	159·0	...	129·2	...	66·0	43·2	...	...	153·5	...	121·9	...	63·0	37·4

* On a stand 4 feet high.

68. SAMBHAR (*corrected*).†

† On a stand 3½ feet high.

TABLE I.—EQUILIBRIUM TEMPERATURES OF SOLAR RADIATION IN 1887.

69. AJMERE (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	115·3	7th	123·3	15th & 20th	108·8	44·0	53·6	35·7
February	123·6	28th	136·0	8th	111·8	44·1	48·3	38·1
March	135·6	25th	147·8	15th	127·8	45·6	51·0	39·3
April	146·4	27th	152·3	6th	140·8	45·8	53·7	41·0
May	Imperfect.							
June	152·2†	14th & 16th	156·5	12th	138·5	53·9†	59·8	46·7
July	136·3	3rd, 8th & 22nd.	155·5	13th	82·5	50·2	67·8	5·3
August	141·6	15th & 21st	153·5	3rd	115·0	57·2	66·8	34·8
September	145·0	14th	158·5	16th	129·5	55·5	71·8	44·3
October	147·8	8th	156·0	2nd & 5th	143·5	57·0	63·8	49·8
November	141·6	10th	152·0	19th & 30th	137·0	58·6	68·8	52·1
December	133·2	10th	141·0	26th	125·5	56·8	65·3	52·8
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

* On a stand 3 feet 11 inches high. † Mean of 21 days.

70. MT. ABU (*corrected*).‡

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	123·4	6th	132·9	12th	113·5	57·8	66·8	49·4
February	130·6	26th	140·3	8th	118·1	58·9	63·4	54·4
March	138·4	24th	144·5	14th	129·7	59·1	64·2	55·6
April	145·3	2nd	156·9	6th	136·9	57·9	71·7	52·5
May	142·3	1st	149·3	12th	136·5	52·9	61·7	50·1
June	137·7	14th	150·1	20th	119·5	54·9	65·3	43·9
July	116·8	4th	144·5	29th	84·5	44·2	62·8	15·4
August	117·4	11th	140·9	25th	79·7	47·4	70·0	12·8
September	132·2	14th	148·3	3rd	109·5	56·0	69·1	40·4
October	135·6	9th	144·5	4th	127·7	56·1	65·2	49·8
November	129·6	5th	136·1	7th	91·5	54·9	61·2	24·9
December	125·3	6th	131·3	29th	112·1	59·4	64·2	49·1
Year	131·2	...	156·9	...	79·7	55·0	71·7	12·8
Means of extremes	...	...	143·3	...	113·3	...	65·5	41·5

‡ On a stand 4 feet high.

71. PACHPADRA (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	136·8	18th	144·9	15th	128·2	59·6	68·4	50·8
February	145·0	25th	156·5	8th	133·5	59·3	64·4	50·3
March	156·2	24th	163·6	2nd	140·4	59·8	65·1	46·2
April	165·8	30th	171·0	6th	157·5	59·9	66·2	56·5
May	166·9	29th	177·1	23rd	159·5	56·9	63·9	54·1
June	164·8†	8th	174·9	20th	159·6	59·4†	69·7	55·5
July	158·9‡	1st	166·9	20th	146·5	61·7‡	67·2	56·2
August	Imperfect.							
September	157·9†	9th	172·5	27th	151·7	57·8†	64·7	53·3
October	157·9	8th	170·3	4th & 31st	153·5	58·1	65·9	52·8
November	148·9	17th	156·4	22nd & 24th.	145·6	57·6	65·5	54·8
December	140·8	7th	147·0	25th	133·0	57·1	60·4	54·5
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

‡ Mean of 29 days.
‡ „ „ 21 „

72. JACOBABAD (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	129·1	22nd	148·7	12th	78·0	58·9	74·1	14·3
February	142·0	27th	163·0	11th	88·1	61·2	73·1	3·0
March	161·4	25th	168·9	14th	149·9	66·6	77·9	59·8
April	168·1	4th	177·7	15th	157·7	63·8	77·2	53·7
May	175·3	29th	181·2	23rd	135·9	59·3	63·9	29·2
June	168·6	2nd	177·7	22nd	152·0	56·6	61·6	48·3
July	167·0	29th	175·4	17th	157·7	57·8	64·4	53·2
August	163·4	11th	172·2	13th	118·1	59·1	68·8	31·3
September	165·1	18th	172·6	3rd	157·2	60·5	62·9	56·4
October	160·0	9th	165·7	16th	152·3	60·8	63·2	57·2
November	147·8	15th	158·1	28th	119·3	59·7	66·3	41·8
December	135·2	8th	143·2	22nd	104·7	57·7	64·0	36·1
Year	156·9	...	181·2	...	78·0	60·2	77·9	3·0
Means of extremes	...	...	167·0	...	130·9	...	68·1	40·4

* On stand 4 feet high.

73. HYDERABAD (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, sun and shade. Mean.	Maximum.	Minimum.
January	135·1	31st	144·4	11th	113·4	62·2	69·4	48·7
February	146·7	24th	158·1	6th	137·1	63·2	69·2	57·2
March	159·7	24th	168·6	2nd	151·4	65·0	72·0	60·1
April	165·2	1st	173·4	19th	157·4	62·6	82·7	59·7
May	167·4	2nd	180·0	22nd	158·6	59·3	65·3	57·2
June	162·6	8th	173·6	23rd	157·6	59·2	65·0	54·6
July	156·6	15th	166·0	17th	124·4	58·2	71·0	27·6
August	159·8	31st	170·4	14th	145·0	64·0	70·6	54·6
September	157·9	18th	170·6	26th	144·4	59·7	68·2	50·8
October	156·1	10th	168·6	20th	146·6	57·8	63·8	50·8
November	149·4	18th	156·4	29th	141·0	59·9	66·6	55·0
December	139·1	6th	148·8	25th	130·8	Shade Maximum Imperfect.		
Year	154·6	...	180·0	...	113·4	...	...	...
Means of extremes	...	...	164·9	...	142·3	...	...	...

74. KURRACHEE (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, sun and shade. Mean.	Maximum.	Minimum.
January	140·6	31st	147·6	12th	127·3	66·7	73·2	62·4
February	148·6	19th	155·0	1st	141·5	68·5	73·6	63·6
March	157·0	23rd	167·4	8th	149·6	69·4	74·6	65·7
April	157·4	25th	165·0	23rd	150·2	67·5	73·4	61·4
May	158·1	4th	166·2	12th	154·1	66·3	74·4	62·4
June	159·7	8th	167·4	11th, 14th & 23rd.	155·6	65·5	72·5	59·7
July	152·7	28th	167·4	17th	95·9	63·6	78·4	13·7
August	156·1	19th & 29th	162·8	18th	135·6	69·5	76·3	51·4
September	156·4	8th	162·2	28th	144·4	69·5	74·8	60·6
October	157·4	24th	162·8	6th, 16th & 18th.	152·4	66·1	71·6	59·7
November	155·9	12th	161·6	18th	150·6	65·4	69·6	59·8
December	146·4	6th	153·6	25th	140·8	66·1	69·9	61·6
Year	153·9	...	167·4	...	95·9	67·0	78·4	13·7
Means of extremes	...	...	161·6	...	141·5	...	73·5	56·8

* On a stand 4 feet high.

75. BHUJ. (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, sun and shade. Mean.	Maximum.	Minimum.
January	138·7	30th	149·5	13th	132·8	59·9	67·0	55·0
February	145·8	19th	153·2	6th	135·5	60·1	66·7	55·3
March	Imperfect.							
April	160·6	30th	166·2	6th	154·7	59·1	65·8	55·0
May	157·9	9th	169·7	23rd	152·2	58·0	71·0	54·6
June	157·1	27th	166·3	12th	123·5	61·7	72·1	41·5
July	145·0	5th	165·1	9th	100·8	57·1	68·9	16·3
August	145·2	19th	163·4	4th	103·8	58·5	71·9	23·9
September	154·1	8th	168·2	2nd	146·5	61·1	67·5	53·9
October	156·0	8th	164·3	15th	150·2	58·8	68·7	54·2
November	148·6	16th	159·2	24th	144·0	57·3	64·8	53·5
December	141·0	7th	150·2	24th & 25th	134·5	57·4	63·0	54·4
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

76. RAJKOT (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, sun and shade. Mean.	Maximum.	Minimum.
January	141·1	25th	155·1	14th	135·2	56·7	66·1	45·4
February	147·1	28th	161·2	5th	134·0	57·2	67·4	48·5
March	151·1	24th	160·2	4th	145·2	53·4	60·1	45·0
April	156·3	30th	162·8	18th	151·7	52·2	57·5	45·3
May	155·1	1st	166·0	11th	151·0	50·3	56·7	46·3
June	150·9	4th	157·4	16th	132·6	52·8	64·6	39·9
July	136·5	3rd	155·8	15th	109·4	48·6	58·5	26·7
August	137·2	18th	151·8	1st	108·6	51·5	63·5	24·9
September	150·5	7th	156·6	1st	141·7	58·8	66·2	49·9
October	155·6	7th	161·8	30th	148·8	59·2	67·2	53·1
November	148·1	12th	154·2	25th	141·4	56·8	62·1	50·3
December	142·8	7th	148·9	25th	137·8	56·0	60·0	50·7
Year	147·7	...	166·0	...	108·6	54·5	67·4	24·9
Means of extremes	...	...	157·7	...	136·5	...	62·5	43·8

* On a stand 4 feet high.

TABLE I.—EQUILIBRIUM TEMPERATURES OF SOLAR RADIATION IN 1887.

77. DEESA (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, sun and shade. Mean.	Maximum.	Minimum.
January	138·4	25th	147·9	14th	131·0	56·7	69·5	50·8
February	145·3	24th	154·9	8th	133·9	56·2	61·7	51·9
March	153·7	24th	161·7	2nd	146·7	56·7	64·0	51·4
April	161·9	20th	172·4	6th	152·6	57·4	67·0	53·0
May	158·9	2nd	168·6	16th & 23rd	154·0	52·3	63·0	48·7
June	156·2	8th	164·9	27th	141·6	55·6	63·0	49·9
July	144·3	2nd	165·0	14th	103·7	55·7	67·8	18·5
August	141·3	19th	163·9	25th	95·6	55·3	71·6	6·8
September	151·8	15th	161·0	2nd	141·7	58·0	67·5	50·9
October	152·4	8th	163·0	14th	146·2	55·0	67·6	47·6
November	146·6	14th	156·0	21st	139·9	54·6	63·9	49·7
December	136·8	6th	142·0	29th	126·9	50·8	53·8	48·1
Year	149·0	...	172·4	...	95·6	55·4	71·6	6·8
Means of extremes	...	...	160·1	...	134·5	...	65·0	43·9

* On a stand 4 feet high.

78. SURAT (*corrected*).†

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, sun and shade. Mean.	Maximum.	Minimum.
January	140·6	24th	148·1	21st	127·0	55·6	62·5	50·0
February	146·6	28th	152·8	8th	135·6	55·4	59·4	52·5
March	149·5	23rd	157·2	12th	141·6	55·3	58·4	53·1
April	152·7‡	21st	158·8	3rd & 17th	145·8	52·9‡	62·2	47·6
May	148·9	30th	157·8	3rd	144·3	54·6	62·1	49·8
June	146·8	8th	160·0	12th	108·4	55·6	68·4	25·0
July	128·9	7th	153·8	15th & 16th	86·8	44·9	67·8	8·6
August	138·2	30th	151·3	24th	106·8	52·6	62·2	24·3
September	150·0	23rd	158·4	5th	138·3	61·3	68·7	53·3
October	151·1§	6th	166·2	13th	145·3	56·3§	71·6	50·9
November	Imperfect.							
December	140·6‖	28th	146·7	4th	133·2	53·6‖	60·6	48·1
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

† On a stand 4·3 feet high.
‡ Mean of 29 days.
§ Mean of 27 days.
‖ „ „ 26 „

79. MALEGAON (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference sun and shade. Mean.	Maximum.	Minimum.
January	139·5	5th	148·4	21st	133·6	54·0	61·5	49·7
February	144·8	28th	153·4	9th	135·4	54·6	60·0	52·5
March	151·8	24th	160·4	15th	146·7	54·4	58·1	50·1
April	158·0	19th	164·4	3rd	149·2	55·4	62·4	50·0
May	154·6	30th	161·3	7th	149·4	52·4	56·8	48·9
June	148·7	6th	159·4	19th	117·2	56·8	70·0	34·3
July	133·7	3rd	162·3	14th	97·4	50·7	73·6	19·0
August	138·7	30th	153·9	24th	96·1	54·4	69·3	19·5
September	148·3	25th	159·7	30th	126·6	61·1	70·5	45·2
October	148·1	3rd	157·9	12th	136·6	58·3	67·3	53·1
November	140·1	5th	155·1	6th	118·1	56·3	71·1	44·1
December	133·7	29th	141·7	31st	91·7	52·0	56·4	17·4
Year	145·0	...	164·4	...	91·7	55·0	73·6	17·4
Means of extremes	...	...	156·1	...	124·8	...	64·8	40·3

80. BOMBAY (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference sun and shade. Mean.	Maximum.	Minimum.
January	137·7	12th	143·0	14th	127·3	57·7	63·5	47·6
February	141·4	17th	149·7	5th	133·9	58·9	64·1	55·2
March	141·0	29th	148·6	24th	119·8	56·4	61·6	35·4
April	145·0	14th	151·5	4th	141·8	57·5	60·7	54·3
May	147·5	8th	153·8	30th	134·5	57·5	62·4	46·4
June	132·4	5th	152·4	15th	95·3	47·2	63·1	15·0
July	128·9	22nd	147·5	25th	100·4	45·9	63·0	20·2
August	136·7	28th	149·1	11th	106·0	53·6	65·7	28·6
September	136·7	7th	154·0	10th	98·0	53·5	69·9	19·2
October	144·9	11th	150·0	4th	139·4	57·1	63·7	53·3
November	143·1	12th	150·0	5th	129·1	55·5	62·4	47·0
December	138·9	27th	148·8	30th	103·1	53·9	61·1	20·6
Year	139·5	...	154·0	...	95·3	54·6	69·9	15·0
Means of extremes	...	...	149·9	...	119·2	...	63·4	36·9

* On a stand 4 feet high.

81. POONA (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. o	Minimum. Day.	Minimum. o	Difference, sun and shade. Mean.	Maximum.	Minimum.
January	137·0	28th	143·6	21st	129·0	50·5	61·3	47·8
February	142·2	28th*	149·2	4th & 9th	136·5	50·7	52·8	47·8
March	147·8	24th	155·8	29th	140·9	51·0	62·0	47·8
April	155·2	21st	164·9	5th	142·9	53·1	63·9	42·9
May	144·6	1st	151·5	6th	139·9	49·1	55·0	44·3
June	142·3	9th & 10th	154·3	15th	117·1	55·8	69·0	38·7
July	127·5	1st	148·0	15th	81·0	47·9	62·0	6·9
August	135·5	29th	153·1	17th	99·4	54·8	71·7	23·2
September	145·4	29th	158·8	11th	110·8	61·9	75·9	34·3
October	146·6	8th	155·7	12th	137·7	59·2	64·9	55·2
November	140·4	1st	151·6	5th	106·2	56·3	65·6	29·6
December	137·4	29th	148·5	30th	131·8	55·5	63·8	51·2
Year	141·8	...	164·9	...	81·0	53·8	75·9	6·9
Means of extremes	...	...	152·9	...	122·8	...	64·0	39·1

82. SHOLAPUR (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. o	Minimum. Day.	Minimum. o	Difference, sun and shade. Mean.	Maximum.	Minimum.
January	144·7	27th	152·9	1st	139·5	57·1	66·6	52·4
February	150·8	28th	157·4	10th	146·4	57·7	64·1	54·7
March	157·5	24th	165·4	20th	153·4	56·9	63·1	52·9
April	163·6	29th	172·0	2nd	157·4	59·5	70·0	53·4
May	153·0†	2nd	163·9	1st	130·9	51·7†	61·2	31·5
June	147·7	23rd	158·5	14th	112·4	56·3	66·9	30·1
July	134·8	9th	154·4	11th	89·9	49·0	68·6	15·9
August	143·1	4th	155·5	16th	120·4	56·7	66·4	40·0
September	149·9	29th	160·0	6th	133·5	62·3	70·9	49·5
October	149·6	7th	161·5	11th	132·4	61·3	70·8	50·4
November	147·2	3rd	160·6	30th	139·4	59·4	70·6	54·0
December	141·0	29th	148·6	27th	116·4	56·6	64·2	41·1
Year	148·6	...	172·0	...	89·9	57·0	70·9	15·9
Means of extremes	...	...	159·2	...	131·0	...	67·0	43·8

* On a stand 4 feet high. † Mean of 26 days.

83. RATNAGIRI (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. o	Minimum. Day.	Minimum. o	Difference, sun and shade. Mean.	Maximum.	Minimum.
January	144·1	8th	148·3	22nd	137·3	58·9	63·5	53·5
February	145·1	19th	151·6	6th	132·1	58·1	61·1	52·5
March	146·6	3rd	150·1	24th	143·4	59·4	63·1	54·2
April	146·6	14th	149·9	1st	143·9	57·6	59·4	55·7
May	148·1†	1st	162·5	8th	145·3	57·3†	70·5	53·9
June	138·6	1st	149·5	14th	107·3	54·8	60·3	30·4
July	131·1	22nd	143·6	11th	96·6	48·3	59·2	16·0
August	137·7	18th	148·8	11th	91·0	54·1	64·4	13·9
September	145·5	11th & 12th	160·4	10th	109·6	62·7	80·6	31·6
October	148·5	26th	157·5	12th	137·8	59·9	72·7	51·8
November	149·6	4th	157·4	5th	138·0	58·7	65·1	52·5
December	147·7	30th	160·8	4th	142·2	57·2	72·4	51·8
Year	144·1	...	162·5	...	91·0	57·3*	80·6	13·9
Means of extremes	...	...	153·4	...	127·0	...	66·0	43·2

84. BELGAUM (*corrected*).*

Month.	Meaa	Maximum. Day.	Maximum. o	Minimum. Day.	Minimum. o	Difference, sun and shade. Mean.	Maximum.	Minimum.
January	142·6	26th	151·4	2nd	134·2	58·0	65·1	55·2
February	147·0	1st	153·5	2nd	141·5	57·5	67·5	54·3
March	150·6	14th	157·4	30th	144·2	57·5	64·0	53·7
April	149·7	8th	158·0	14th	141·6	55·8	64·7	48·5
May	148·1	1st	165·4	21st	140·0	59·0	70·4	52·6
June	129·8	25th	152·8	16th	94·5	52·6	71·8	23·8
July	128·5	1st	151·3	11th	100·2	54·0	68·0	30·2
August	133·1	31st	149·8	10th	106·8	57·1	70·7	35·7
September	144·4	27th	156·4	10th	110·9	65·8	74·5	39·4
October	140·9	1st	154·9	11th	94·8	60·1	72·7	22·9
November	140·8	13th	149·0	4th	121·1	60·1‡	66·3	44·8
December	135·5	31st	145·5	27th	111·7	56·6	65·4	39·5
Year	140·9	...	165·4	...	94·5	57·8	74·5	22·9
Means of extremes	...	...	153·8	...	120·1	...	68·4	41·7

† Mean of 30 days. * On a stand 4 feet high. ‡ Mean of 29 days.

TABLE I.—EQUILIBRIUM TEMPERATURES OF SOLAR RADIATION IN 1887.

85. KARWAR (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	144·1	17th, 18th, 25th & 28th.	149·0	8th	139·0	58·5	62·9	55·0
February	145·4	20th	155·4	27th	139·0	58·1	63·1	51·4
March	145·4	17th	150·9	23rd	139·0	57·6	63·6	45·6
April	145·5	30th	154·0	26th	141·8	56·8	63·0	51·3
May	146·2	3rd, 11th 13th & 14th.	151·0	1st	132·0	57·1	61·3	43·3
June	123·0	24th	145·6	17th	86·5	40·1	62·3	6·9
July	125·4	2nd	144·3	7th	92·8	43·0	61·6	12·7
August	133·2	25th	149·7	14th	96·2	51·2	65·3	15·0
September	137·2	29th	150·5	11th	85·0	55·2	66·6	9·4
October	143·2	28th	160·0	12th	84·0	58·6	72·3	7·6
November	146·2	13th	153·2	4th	106·0	56·9	65·7	23·8
December	145·4	27th	153·5	26th	137·3	57·3	64·1	51·4
Year	140·0	...	160·0	...	84·0	54·4	72·3	6·9
Means of extremes	...	...	151·4	...	114·9	...	64·3	31·1

* On a stand 4 feet high.

86. VIZAGAPATAM.† (*a*)

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	112·3	23rd	120·0	2nd, 8th & 26th.	108·0	32·8	40·7	27·7
February	112·8	15th	118·0	22nd	101·0	30·5	35·7	19·6
March	111·9	31st	118·5	9th	104·0	26·6	31·7	20·2
April	115·0	4th	122·0	3rd	107·0	27·2	36·5	19·0
May	117·0‡	15th	127·0	27th	106·0	25·3‡	34·7	17·0
June	112·1§	20th	122·5	19th	100·0	22·8§	34·7	11·0
July				Imperfect.				
August	113·5‖	3rd & 7th	121·0	1st	97·0	25·2‖	33·5	7·2
September	120·0¶	14th	124·0	16th	106·5	28·1¶	35·5	18·0
October	112·1§	5th	125·5	13th	91·0	26·3§	35·7	8·0
November	111·6¶	23rd	122·0	18th	95·0	30·0¶	40·2	13·3
December	111·6‡	23rd	116·0	9th	103·5	33·1‡	40·5	23·9
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

† On a stand 1 foot high from August.
(*a*) The instrument is not in vacuo.
‡ Mean of 30 days.
§ Mean of 27 days.
‖ ,, ,, 24 ,,
¶ ,, ,, 28 ,,

87. RAJAHMUNDRY (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	149·3	11th	160·4	8th	140·2	62·4	74·6	55·1
February	152·6	10th	159·4	13th	148·6	60·5	69·4	56·8
March	155·9	28th	162·4	13th & 24th	152·4	59·6	65·1	53·4
April	155·4	29th	160·4	11th	151·4	56·3	63·4	52·4
May	161·9	15th	173·4	13th	151·4	54·7	64·3	48·3
June	145·4	7th	161·7	12th	85·4	49·1	63·6	7·7
July	144·3	7th	161·7	13th	94·4	56·6	78·4	13·4
August	143·8	3rd	162·9	10th	86·5	54·7	69·9	10·4
September	153·5	24th	166·4	11th	123·4	61·1	72·6	37·4
October	146·2	2nd	164·4	30th	86·4	56·4	68·4	9·4
November	145·6	12th	158·4	1st	102·4	59·3	69·2	22·4
December	144·9	15th	157·5	26th	98·4	59·9	71·7	20·9
Year	149·9	...	173·4	...	85·4	57·6	78·4	7·7
Means of extremes	...	...	162·4	...	118·4	...	69·2	32·3

* On stand 2 feet 9 inches high.

88. MASULIPATAM (*corrected*).

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	137·0	7th	145·5	13th	130·4	53·5	63·4	48·3
February	139·2	2nd	144·9	3rd	135·7	53·3	60·3	50·6
March	142·5	28th	148·2	13th	138·7	52·8	57·6	46·6
April	143·7	22nd	149·9	1st	140·4	51·6	56·3	48·7
May	152·0	19th	164·9	13th	134·9	48·1	60·8	38·7
June	140·2	3rd	153·0	12th	101·5	43·4	52·5	21·4
July	132·2	30th	146·9	6th	103·9	41·4	53·8	23·3
August	137·9	8th	149·7	10th	103·7	47·0	56·6	21·8
September	142·0	27th	148·8	15th	122·0	49·8	56·6	27·7
October	138·8	5th	150·8	31st	93·5	50·2	59·4	15·4
November	130·4	13th	143·7	1st	93·6	46·1	55·8	16·3
December	132·1	1st	141·4	26th	90·7	49·7	58·0	16·0
Year	139·0	...	164·9	...	90·7	48·9	63·4	16·0
Means of extremes	...	...	149·0	...	115·8	...	57·6	31·2

89. SECUNDERABAD (*corrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	143·3	17th	152·4	11th	138·0	58·0	67·4	54·0
February	149·2	28th	157·0	10th	143·4	58·3	62·3	55·8
March	155·5	20th	159·0	9th	149·7	56·8	61·4	53·2
April	158·3	22nd	164·8	3rd	151·0	57·7	65·1	51·9
May	157·8	18th	167·9	5th	150·7	54·2	61·2	49·1
June	144·5	3rd	156·9	13th	85·3	53·2	64·4	11·8
July	123·9	31st	149·6	14th	88·6	40·5	59·0	14·6
August	134·5	27th	159·4	10th	102·3	49·3	62·5	26·0
September	145·3	28th	155·9	18th	131·7	58·3	68·5	46·3
October	146·2	8th	158·8	25th	123·4	59·4	66·8	42·8
November	139·2	22nd	148·0	3rd	123·6	56·1	63·5	44·7
December	136·1	28th	144·9	27th	97·0	54·8	62·7	22·0
Year	144·5	...	167·9	...	85·3	54·7	68·5	11·8
Means of extremes	...	...	155·5	...	123·7	...	63·8	39·4

90. KURNOOL (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	135·1	9th	149·4	4th	128·8	45·9	58·6	42·4
February	142·3	28th	150·3	2nd & 3rd	137·4	47·5	51·9	44·9
March	149·9	12th & 26th	154·4	9th	145·4	48·7	52·7	45·7
April	154·7	12th	162·4	3rd	144·4	Shade maximum not recorded.		
May	154·2	1st	166·9	5th	144·4	Ditto.		
June	144·8	1st & 27th	154·6	24th	101·2	Ditto.		
July	131·3	1st	149·7	14th	115·4	42·3	58·7	27·8
August	139·0	4th	152·0	17th	109·2	51·1	60·2	28·7
September	142·3	22nd	153·0	3rd	116·9	54·0	63·6	34·7
October	142·5	4th	152·7	30th	110·0	52·3	59·7	28·9
November	133·5	19th	149·4	1st	119·7	45·9	60·6	35·6
December	130·0	31st	139·9	27th	103·4	45·5†	54·8	26·5
Year	141·6	...	166·9	...	191·2	...	...	...
Means of extremes	...	...	152·9	...	123·0	...	...	...

* On a stand 3 feet high. † Mean of 25 days.

91. BELLARY (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	128·9	26th	134·7	13th	125·1	40·3	43·5	37·8
February	134·5	26th	142·7	2nd	130·2	41·0	45·4	38·7
March	143·3	6th	149·2	22nd	137·6	43·6	48·4	39·5
April	149·4	19th	154·7	6th	143·7	47·4	55·2	41·8
May	144·9	1st	154·8	5th	135·1	44·5	51·7	40·8
June	139·6	8th	154·5	13th	107·0	47·4	61·0	23·9
July	131·0	8th	143·8	5th	108·3	43·6	55·5	25·9
August	137·1	4th	148·7	11th	129·3	48·2	54·5	40·7
September	135·4	28th	148·3	7th	97·8	46·4	54·9	20·0
October	131·1	5th	143·8	31st	114·9	43·5	52·5	30·8
November	124·5	22nd	132·6	1st	114·8	39·2	45·7	33·2
December	119·1	9th	129·2	26th	93·5	35·9	43·8	19·8
Year	134·9	...	154·8	...	93·5	43·4	61·0	19·8
Means of extremes	...	...	144·8	...	119·7	...	51·0	32·7

92. MANGALORE (*corrected*).†

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	146·0	28th	150·6	22nd	139·4	59·6	65·4	56·0
February	148·6	16th	156·5	6th	142·9	60·0	64·6	53·1
March	148·7	22nd	160·3	25th	144·4	60·3	71·5	55·7
April	148·5	6th	155·6	24th	144·7	58·7	65·8	54·9
May	147·3	3rd	156·7	18th	142·4	58·1	67·2	52·2
June	130·0	3rd	150·9	9th	91·3	47·5	64·4	14·7
July	133·4	22nd	146·4	13th	97·3	50·7	62·6	17·9
August	142·9	6th	153·9	13th	113·4	60·6	71·7	35·2
September	141·8	20th	154·3	11th	108·4	59·7	71·6	28·2
October	143·5	5th	163·9	11th	93·4	59·6	80·1	17·6
November	147·0	25th	158·6	4th	95·7	60·3	73·1	18·1
December	149·0	23rd	158·2	27th	134·4	59·6	66·6	44·3
Year	143·9	...	163·9	...	91·3	57·9	80·1	14·7
Means of extremes	...	...	155·5	...	120·3	...	68·7	37·3

* On a stand 4 feet high. † On a stand 3 feet 7 inches high.

TABLE I.—EQUILIBRIUM TEMPERATURES OF SOLAR RADIATION IN 1887.

93(A). MERCARA (OLD) (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	144·5	26th	154·8	4th	137·5	66·3	76·0	62·3
February	150·8	20th	159·2	3rd	142·7	68·9	78·5	63·2
March	151·8	22nd	163·5	30th	145·5	68·0	81·2	62·0
April	151·1	4th & 6th	157·3	30th	128·0	67·0	72·9	51·9
May	147·7	2nd	158·8	13th	137·6	68·1	76·9	61·8
June	125·3	25th	168·2	7th	93·7	54·7	87·2	27·7
July	121·3	16th	158·5	11th	94·6	52·6	87·5	26·8
August	136·0	26th	149·5	9th	115·5	64·8	74·3	48·1
September	...	...	...	...	...	...	...	...
October	...	...	...	...	...	...	...	...
November	...	...	...	...	...	...	...	...
December	...	...	...	...	...	...	...	...
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

* On a stand 3 feet 4½ inches high.

93(B). MERCARA CIVIL DISPENSARY (NEW) (*corrected*).†

Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
	Day.	°	Day.	°	Mean.	Maximum.	Minimum.
143·6	27th	154·0	1st	125·0	66·0	77·7	50·8
146·8	10th	158·5	16th	139·4	66·4	79·8	60·0
147·1	18th	154·6	29th	138·7	65·4	73·4	58·3
141·7	4th	154·9	16th	96·0	60·2	70·7	18·5
137·9	2nd	150·0	19th	116·7	59·9	71·6	43·2
112·1	2nd	146·0	7th	75·8	43·1	72·5	10·5
105·0	31st	133·0	11th	76·0	37·9	62·4	11·5
124·6	25th	142·0	14th	104·0	52·4	68·7	35·7
130·7	29th	145·0	11th	92·0	58·2	71·8	25·2
133·0	8th, 15th & 16th.	148·0	10th	81·0	58·5	74·2	13·2
130·6	17th	148·0	1st	94·0	55·8	71·9	23·4
124·8	3rd	144·0	22nd	93·0	51·4	69·8	25·2
131·5	...	158·5	...	75·8	56·3	79·8	10·5
...	...	148·2	...	102·6	...	72·0	31·3

† On a stand.

94. BANGALORE (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	128·4	26th	135·3	6th	122·4	47·2	55·6	43·3
February	131·6	22nd & 24th	137·7	14th	127·2	46·4	52·4	44·6
March	137·7	31st	145·0	22nd	117·9	47·3	53·1	36·9
April	140·4	26th	150·9	24th	133·9	47·8	58·0	40·5
May	134·3	1st	143·7	5th	121·0	44·4	54·6	39·6
June	129·3	5th	140·7	13th	117·0	46·4	55·7	37·1
July	123·9	18th	136·1	6th	107·9	43·6	52·1	32·0
August	128·9	7th	137·4	9th	110·9	47·4	52·3	34·0
September	131·6	26th	141·6	9th	111·7	50·3	59·2	35·1
October	125·8	1st	146·9	9th	86·1	46·5	61·7	17·0
November	125·9	20th	137·0	24th	105·9	48·0	57·8	31·2
December	122·5	4th	132·7	22nd	105·0	47·3	57·1	33·1
Year	130·0	...	150·9	...	86·1	46·9	61·7	17·0
Means of extremes	...	...	140·4	...	113·9	...	55·8	35·4

* On two uprights 6 inches high.

95. CUDDAPAH (*corrected*).

Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
	Day.	°	Day.	°	Mean.	Maximum.	Minimum.
150·6	31st	162·5	12th	145·9	61·8	68·8	57·6
154·9	27th	162·9	14th	150·7	60·4	63·0	58·0
161·1	20th	169·9	19th	149·9	59·0	68·5	49·8
162·9	30th	176·3	7th	152·5	59·0	70·3	50·9
162·3	18th	171·5	5th	150·3	57·4	63·8	47·7
155·8	8th	173·5	13th	122·4	58·7	72·4	36·0
144·2	31st	161·3	14th	114·3	50·7	64·9	25·5
147·2	3rd	164·7	10th	112·2	55·5	66·4	24·6
147·5	22nd, 25th & 28th.	156·7	5th	124·5	57·0	67·2	39·1
144·6	15th	158·6	29th	98·9	55·9	67·1	19·8
141·9	7th	159·9	24th	104·1	57·4	73·6	26·7
139·7	18th	153·9	26th	87·5	57·1	72·3	16·0
151·1	...	176·3	...	87·5	57·5	73·6	16·0
...	...	164·3	...	126·1	...	68·2	37·6

96. MADRAS.

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	141·6	30th	145·4	9th	136·1	56·2	59·4	52·4
February	143·2	21st	153·4	5th	137·0	56·4	67·9	52·3
March	143·0	20th	159·9	24th	139·1	53·7	70·2	49·9
April	145·9	22nd	150·6	24th	140·3	54·5	57·9	48·6
May	148·1	18th	155·6	13th	126·8	48·9	58·7	30·9
June	143·7	16th & 20th	158·0	24th	105·3	46·9	58·3	18·3
July	137·6	28th	151·7	19th	106·0	43·1	59·4	17·1
August	140·1	6th	152·1	10th	108·5	48·7	60·2	22·8
September	142·5	20th	156·1	6th	90·7	51·1	60·0	3·7
October	133·3	17th	154·5	28th	77·5	47·5	64·7	2·4
November	136·3	5th	148·6	23rd	84·4	51·6	63·0	6·6
December	131·7	1st	144·1	25th	80·5	49·8	62·1	6·7
Year	140·6	...	159·9	...	77·5	50·7	70·2	2·4
Means of extremes	...	...	152·5	...	111·0	...	61·8	26·0

97. SALEM (*corrected*).

Mean.	Maximum.		Minimum.		Difference, sun and shade.		
	Day.	°	Day.	°	Mean.	Maximum.	Minimum.
139·4	30th	144·5	26th	134·9	49·3	57·6	44·5
143·6	10th	152·9	14th	139·3	49·6	58·0	46·5
144·2	30th	153·5	22nd	91·3	46·2	53·0	12·0
144·9	27th	152·1	29th	123·5	46·6	55·4	35·2
142·0	16th	150·1	22nd	132·3	44·0	52·8	36·2
134·1	4th	144·3	11th	106·3	42·9	48·9	24·6
132·1	27th	143·1	9th	107·1	40·7	47·6	21·7
135·3	5th	143·2	22nd	127·2	43·9	52·7	37·9
138·1	30th	148·3	6th	123·3	47·7	53·6	36·8
130·5	2nd	150·1	9th	91·9	43·2	61·8	15·8
132·1	5th	142·9	26th	106·1	46·6	55·4	24·9
125·8	20th	147·1	22nd	94·9	42·3	62·6	17·5
136·8	...	153·5	...	91·3	45·3	62·6	12·0
...	...	147·7	...	114·8	...	55·6	29·5

98. WELLINGTON (*corrected*).

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	131·9	28th	137·8	2nd	124·2	62·3	70·0	58·6
February	133·7	9th	142·5	14th & 15th	128·4	62·0	71·6	58·5
March	132·1	20th	144·8	22nd	88·0	58·7	68·9	27·1
April	131·8	18th	140·8	29th	104·5	58·1	67·5	38·2
May	134·2	9th	145·2	19th	121·8	58·8	68·8	50·3
June	123·9	25th	138·8	10th	92·5	54·8	70·2	26·9
July	122·8	29th	142·8	12th	89·3	53·5	69·6	26·7
August	129·4	25th	143·8	9th	97·1	58·9	72·2	29·0
September	130·8	29th	143·1	11th	92·7	59·8	71·7	28·5
October	125·2	13th	141·4	9th	74·4	57·5	72·0	12·9
November	126·5	5th	144·6	3rd	94·1	60·5	75·8	30·5
December	118·1	5th	137·8	22nd	78·8	54·0	68·7	20·4
Year	128·4	...	145·2	...	74·4	58·2	75·8	12·9
Means of extremes	...	...	142·0	...	98·8	...	70·6	34·0

99. CALICUT (*corrected*).*

Mean.	Maximum.		Minimum.		Difference, sun and shade.		
	Day.	°	Day.	°	Mean.	Maximum.	Minimum.
Not recorded.							
Ditto.							
Ditto.							
Ditto.							
Ditto.							
Ditto.							
Ditto.							
Ditto.							
Ditto.							
Imperfect.							
147·5	6th	155·0	3rd	129·9	61·3	69·5	48·6
145·7	10th	150·9	21st	133·8	58·6	63·4	48·8
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...

* On a stand.

100. COIMBATORE (*corrected*).

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	144·7	27th	151·8	16th	136·3	55·7	64·7	47·6
February	145·1	1st	152·1	11th	137·1	53·6	59·2	47·5
March	146·8	16th	153·3	22nd	112·6	51·7	61·2	29·7
April	146·4	11th	154·1	29th	95·8	51·9*	59·2	20·0
May	144·3	14th	152·8	1st	134·3	Shade maximum not recorded.		
June	135·6	20th & 21st	143·1	7th	111·1	Ditto imperfect.		
July	137·8	31st	149·7	11th	105·0	50·7	61·4	25·6
August	144·0	4th	151·7	9th	129·4	54·4	61·1	43·1
September	143·2	22nd	151·4	6th	133·8	53·8	61·5	46·2
October	134·4	7th	150·1	9th	96·6	48·2	59·6	18·1
November	131·1	18th	141·5	26th	121·7	46·4	53·1	38·6
December	122·4	2nd	133·1	22nd	92·1	42·1	51·0	17·6
Year	140·0	...	154·1	...	92·1	...	...	...
Means of extremes	...	...	148·7	...	117·2	...	...	...

* Mean of 28 days.

101. TRICHINOPOLY (*corrected*).

Mean.	Maximum.		Minimum.		Difference, sun and shade.		
	Day.	°	Day.	°	Mean.	Maximum.	Minimum.
145·8	16th	154·8	9th	139·9	56·5	66·0	49·8
147·0	10th	154·3	6th	142·7	53·9	60·9	49·6
148·0	11th	158·1	22nd	96·4	50·3	59·7	14·7
151·3	9th	159·1	29th	114·2	52·2	63·2	31·1
148·6	5th	154·4	25th	137·5	47·0	55·6	39·3
146·1	18th	157·4	11th	112·5	49·3	59·7	28·5
143·6	22nd	156·3	14th	116·2	47·3	56·7	19·0
146·4	12th	153·7	26th	136·4	50·1	55·8	44·4
146·2	22nd	155·4	1st	137·0	50·8	58·9	44·8
134·2	16th	149·7	29th	86·8	46·1	60·2	11·3
137·5	3rd & 5th	151·4	8th	104·3	51·6	62·7	25·2
130·3	5th	146·1	21st	81·8	48·3	64·2	8·4
143·8	...	159·1	...	81·8	50·3	66·0	8·4
...	...	154·2	...	117·1	...	60·3	30·5

102. NEGAPATAM.

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	143·0	27th	148·6	30th	131·9	60·1	65·2	48·8
February	144·4	8th	152·2	2nd	135·6	59·4	68·5	50·8
March	143·2	28th	154·9	21st	98·9	54·8	65·3	15·5
April	143·1	17th	156·1	28th	90·3	52·6	63·7	9·8
May	148·2	11th	157·0	25th	122·8	50·9	58·8	28·6
June	144·9	7th	155·9	12th	114·9	50·6	61·7	25·8
July	143·9	31st	153·9	2nd	119·2	49·3	62·6	31·0
August	144·2	25th	155·6	13th	110·2	51·2	61·1	24·1
September	147·4	26th	153·0	4th	122·7	53·9	58·9	35·7
October	136·6	4th	152·2	8th	87·4	50·4	64·5	9·1
November	139·9	23rd	154·4	8th	90·6	56·4	72·7	10·9
December	Not recorded.							
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

103. MADURA (*corrected*).

Mean.	Maximum.		Minimum.		Difference, sun and shade.		
	Day.	°	Day.	°	Mean.	Maximum.	Minimum.
141·3	28th	149·5	25th	133·5	51·6	58·9	45·4
145·9	25th.	154·5	11th	139·5	53·5	60·5	49·5
147·6	14th	156·5	22nd	94·5	50·9	59·0	13·6
149·0	26th	155·5	29th	100·8	51·7	58·1	20·9
147·3	5th	154·5	26th	140·2	47·9	56·6	42·0
143·7	26th	154·5	11th	116·5	48·2	57·9	24·7
143·7	29th	154·5	3rd	127·0	46·6	54·2	34·7
146·8	3rd	157·5	31st	134·5	50·9	57·6	42·2
147·5	22nd	152·8	4th	129·5	51·7	60·4	39·7
138·4	4th	150·7	9th & 22nd	116·5	48·4	55·3	29·7
135·3	16th	142·5	8th	114·5	48·8	55·9	33·8
124·6	6th	142·2	22nd	88·9	42·3	53·6	13·5
142·6	...	157·5	...	88·9	49·4	60·5	13·5
...	...	152·1	...	119·2	...	57·3	32·5

104. COCHIN (*corrected*).

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	127·8	1st	136·6	8th	121·5	Shade maximum imperfect.		
February	130·5	21st	137·4	5th	125·2	41·8	48·9	36·4
March	128·4	10th	132·3	26th	122·9	39·8	45·5	36·1
April	126·1	1st	132·8	29th	93·8	35·5	42·6	16·0
May	123·8	5th	130·1	26th	114·6	34·3	39·3	25·9
June	111·6	1st	128·1	7th	92·6	Shade maximum not recorded.		
July	120·0	7th, 18th & 31st.	125·6	9th	98·7	Ditto.		
August	123·9	25th	128·6	30th	119·6	40·2	44·4	36·4
September	123·7	6th	131·2	2nd	103·7	41·0	47·4	25·6
October	126·2	8th	131·8	9th	93·1	41·0	46·6	14·0
November	127·9	8th	134·1	2nd	112·6	41·0	46·9	27·8
December	126·6	7th & 19th	133·6	12th	106·9	39·4	45·5	22·5
Year	124·7	...	137·4	...	92·6	...	...	...
Means of extremes	...	...	131·9	...	108·8	...	...	...

105 AKYAB (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	125·3	16th	132·1	27th	92·2	46·1	54·6	23·0
February	131·8	27th	138·1	3rd	125·8	48·8	54·5	44·9
March	138·6	4th	145·2	1st	132·7	50·7	59·9	46·4
April	143·4	23rd	149·2	13th	140·1	51·7	56·6	48·9
May	143·1	21st	154·2	18th	122·4	53·3	63·1	35·6
June	144·0	29th	154·4	16th	119·1	56·7	68·0	34·3
July	132·1	15th	151·9	31st	97·9	48·7	67·8	18·9
August	131·7	13th	147·1	2nd	92·6	47·4	60·8	14·4
September	137·3	18th	153·1	19th	108·1	51·3	66·1	27·9
October	139·0	7th & 9th	147·1	13th	113·1	50·5	57·9	31·1
November	132·4	11th	142·1	16th	113·0	46·1	56·5	28·1
December	128·7	23rd	138·1	14th	123·1	45·9	56·4	40·0
Year	135·6	...	154·4	...	92·2	49·8	68·0	14·4
Means of extremes	...	...	146·1	...	115·0	...	60·2	32·8

* On a stand 3½ feet high.

106. THAYETMYO (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	126·7	22nd	137·8	2nd	123·2	42·0	48·8	38·6
February	134·3	17th	141·4	1st	128·2	43·8	47·9	40·3
March	144·4	31st	154·8	2nd	137·8	46·4	54·6	42·5
April	152·0	25th	159·0	3rd	147·2	50·2	57·5	45·9
May	151·5	4th	161·6	2nd	142·6	54·2	66·1	43·7
June	149·5	9th	159·6	20th	139·4	56·4	67·2	45·9
July	142·9	1st	154·6	31st	111·6	53·8	64·6	24·4
August	145·8	19th	157·8	1st	119·6	56·1	66·6	34·6
September	141·9	22nd	156·6	11th	120·8	53·3	68·8	38·8
October	138·8	2nd	148·2	28th & 31st	133·6	48·7	58·0	43·6
November	131·2	15th	137·2	16th	115·4	41·1	47·8	27·8
December	129·2	8th	146·4	3rd	124·6	43·2	59·6	37·8
Year	140·7	...	161·6	...	111·6	49·1	68·8	24·4
Means of extremes	...	...	151·3	...	128·7	...	59·0	38·7

107. TOUNGOO (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	142·7	12th	153·1	31st	134·6	59·5	69·9	51·8
February	144·1	24th	154·3	1st	135·8	54·7†	62·1	47·4
March	149·3	26th	154·6	2nd	141·0	54·0	59·3	48·6
April	153·8	26th	160·9	3rd	145·1	55·3	65·2	47·4
May	150·6	1st	161·1	2nd	114·6	58·6	67·6	29·3
June	147·5	22nd & 23rd	155·1	14th	123·1	60·1	67·7	39·9
July	132·6	3rd	157·6	27th	81·6	48·2	70·4	2·8
August	142·3	17th	158·3	22nd	103·1	57·0	71·2	23·5
September	147·3	21st	160·6	9th	111·7	61·3	73·6	27·3
October	149·7	14th	163·1	30th	139·1	61·2	75·4	49·4
November	145·4	1st	151·5	29th	138·1	57·6‡	63·7	53·1
December	138·7	18th	150·1	2nd	129·4	54·7	65·5	46·6
Year	145·3	...	163·1	...	81·6	56·9	75·4	2·8
Means of extremes	...	...	156·7	...	124·8	...	67·6	38·9

* On a stand 4 feet high.

† Mean of 27 days.
‡ „ „ 29 „

108. BASSEIN (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	139·6	21st	147·5	23rd	129·5	55·0	62·7	50·4
February	143·0	27th	149·3	26th	129·3	54·7	60·7	40·5
March	148·3	9th	156·8	14th	141·6	45·4	64·2	49·4
April	151·6	28th & 29th	158·3	4th	146·6	56·6	62·9	51·1
May	140·3	1st	154·8	2nd	86·1	51·9	65·3	7·0
June	137·3	5th	152·1	20th	97·3	52·3	65·6	17·5
July	129·9	29th	153·4	13th	90·7	46·2	64·6	11·4
August	134·3	3rd	152·5	20th	90·3	50·4	68·8	12·7
September	136·3	6th	151·4	20th	85·4	52·0	65·7	7·8
October	147·7	19th	157·8	31st	140·8	60·5	69·3	53·4
November	145·6	8th	154·8	30th	137·3	57·7	64·2	51·4
December	140·8	2nd	148·3	19th	135·5	54·2	62·2	50·7
Year	141·2	...	158·3	...	85·4	53·1	69·3	7·0
Means of extremes	...	...	153·1	...	117·5	...	64·7	33·6

* On a stand 3 feet 10 inches high.

109. RANGOON (*corrected*).†

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	143·4	20th	149·6	14th	130·2	55·3	60·9	38·2
February	148·2	21st & 22nd	153·9	1st & 5th	144·6	59·4‡	63·1	55·3
March	151·5	13th	158·8	27th	120·0	60·5	68·2	41·5
April	154·4	3rd	158·4	5th	141·4	57·4	64·8	49·6
May	145·2	27th	155·7	2nd	91·1	56·8	67·4	14·1
June	142·5§	29th	157·6	12th	96·7	56·7§	69·7	13·3
July	132·9	18th	154·4	12th	99·7	50·2	74·1	21·8
August	139·9	11th	156·2	30th	99·2	55·4	68·2	15·8
September	141·5	27th	156·2	1st	95·6	56·4	71·2	16·6
October	149·6	14th	157·4	13th	136·2	62·4	70·7	51·7
November	145·6	9th	151·2	3rd	140·4	56·4	62·4	51·8
December	143·5	19th	149·8	10th	137·4	54·4	59·1	48·7
Year	144·9	...	158·8	...	91·1	56·8	74·1	13·3
Means of extremes	...	...	154·9	...	119·4	...	66·7	34·9

† On a stand 3 feet 9 inches high.
‡ Mean of 27 days.
§ Mean of 29 days.

110. MOULMEIN (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	146·8	24th	157·3	1st	141·3	57·7	70·5	54·0
February	146·9	24th & 26th.	153·3	16th	140·6	55·8	61·4	47·7
March	149·9	20th & 30th.	158·3	27th	121·3	58·3	67·4	34·6
April	153·9†	6th & 10th	162·3	2nd	147·3	61·4†	70·4	54·7
May	144·4	9th	158·2	2nd	101·2	57·2	70·7	16·5
June	141·9	30th	156·3	14th	98·3	57·6	70·2	17·0
July	123·9	2nd & 15th	153·3	20th	86·3	41·9	69·3	7·5
August	138·6	29th	160·3	18th	92·3	54·9	73·6	14·6
September	134·2	1st	164·3	11th	88·3	51·4	78·5	10·5
October	150·8	5th	158·7	23rd, 25th & 27th.	143·3	62·8	71·2	55·2
November	147·1	11th & 12th.	158·3	19th	136·3	57·5	66·4	50·9
December	143·0	17th & 20th.	148·3	28th	135·3	53·8	60·3	50·8
Year	143·5	...	164·3	...	86·3	55·9	78·5	7·5
Means of extremes	...	...	157·4	...	119·3	...	69·2	34·5

† Mean of 28 days.

111. MERGUI (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	145·7	17th	152·3	1st & 5th	141·3	57·8	63·2	53·2
February	148·0	25th	154·3	27th	127·3	58·9	63·3	48·1
March	150·0	18th	156·3	31st	144·3	60·6	65·7	55·2
April	146·3	10th, 13th & 18th.	153·3	30th	118·3	57·0	65·1	34·5
May	144·7	8th	156·3	23rd	118·3	59·0	71·2	36·1
June	137·2	28th	153·2	11th	109·3	52·5	70·1	29·1
July	133·5	21st	152·3	7th	109·3	50·5	66·2	30·1
August	139·4	19th	154·3	9th, 12th & 14th.	117·3	54·5	68·1	31·1
September	136·6	3rd	159·8	14th	104·3	52·3	72·4	23·1
October	144·5	23rd	155·3	5th	100·3	57·5	67·2	21·1
November	146·6	30th	154·8	20th	134·3	60·2	66·4	52·1
December	144·5	24th	151·3	7th	140·3	57·2	60·7	52·1
Year	143·1	...	159·8	...	100·3	56·5	72·4	21·1
Means of extremes	...	...	154·5	...	122·1	...	66·6	38·8

* On a stand 4 feet high

112. PORT BLAIR (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	138·0	19th	141·6	1st 6th 15th & 31st.	135·6	51·5	54·6	48·3
February	140·7	24th	148·6	26th	127·6	53·7	59·8	38·6
March	146·8	3rd & 30th	153·6	26th	120·6	57·0	66·4	30·6
April	151·0	4th	157·6	1st	143·6	59·1	68·1	54·4
May	139·2	23rd	157·6	28th	101·6	50·2	72·1	15·8
June	135·2	25th 26th & 29th.	152·6	9th	92·6	49·5	66·6	11·6
July	134·2	20th	149·6	4th	97·6	50·0	65·1	14·6
August	140·6	31st	153·6	28th	110·6	56·2	68·6	30·6
September	143·1	3rd	154·6	7th	104·6	57·3	68·1	24·7
October	142·8	2nd	157·6	26th	104·6	56·2	72·6	22·1
November	140·6	4th	147·6	30th	101·4	53·6	61·6	18·4
December	136·0	23rd	144·8	1st	96·6	49·8	57·8	16·2
Year	140·7	...	157·6	...	92·6	53·7	72·6	11·6
Means of extremes	...	...	151·6	...	111·4	...	65·1	27·2

113. NANCOWRY (*corrected*).*

Mean.	Maximum.		Minimum.		Difference, sun and shade.		
	Day.	°	Day.	°	Mean.	Maximum.	Minimum.
145·0	27th	151·9	22nd	134·9	59·9	65·7	48·9
136·3	24th	147·7	23rd	102·9	53·3	64·3	20·7
141·1	11th	152·3	18th	96·9	56·7	65·7	14·1
150·3	25th	158·9	29th & 30th	141·3	61·8	70·1	52·9
136·3	5th	151·9	19th	107·9	50·0	67·1	23·7
131·4	19th	151·9	29th	96·9	45·5	64·1	14·9
135·5	24th	149·1	10th	101·9	49·2	61·7	14·5
137·0	4th	150·9	13th	92·3	51·1	64·5	9·5
134·5	29th	151·9	3rd	97·5	48·1	66·9	12·9
141·9	26th	155·9	7th	93·7	56·1	70·6	14·1
135·2†	16th	156·1	29th	99·7	50·4†	68·9	18·1
Imperfect.							
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...

* On a stand 4 feet high.

† Mean of 28 days.

TABLE II.—DURATION OF BRIGHT SUNSHINE IN 1887. (6 STATIONS).

Month.	1. LAHORE.			2. DEHRA.			3. ALLAHABAD.		
	Total hours of bright sunshine.	Total hours of sun above horizon.	Percentage ratio of actual to possible sunshine.	Total hours of bright sunshine.	Total hours of sun above horizon.	Percentage ratio of actual to possible sunshine.	Total hours of bright sunshine.	Total hours of sun above horizon.	Percentage ratio of actual to possible sunshine.
January	194	318	61	114	321	36	252	329	77
February	227	307	74	209	308	68	298	312	96
March	250	368	68	218	368	59	306	368	83
April	274	385	71	224	383	58	322	379	85
May	299	422	71	188*	419	45	241	410	59
June	173	419	41	160†	416	38	196	407	48
July	210	428	49	82	424	19	167	416	40
August	219	407	54	70	405	17	138	400	35
September	288	367	78	212	366	58	257	366	70
October	309	350	88	260	351	74	292	354	82
November	285	313	91	241	316	76	289	324	89
December	254	311	82	208	315	66	286	324	88
Year	2,982	4,395	68	2,186	4,392	50	3,044	4,389	69

* Total of 30 days.
† " " 29 "

Month.	4. CALCUTTA (ALIPORE.)			5. JEYPORE.			6. BOMBAY.		
	Total hours of bright sunshine.	Total hours of sun above horizon.	Percentage ratio of actual to possible sunshine.	Total hours of bright sunshine.	Total hours of sun above horizon.	Percentage ratio of actual to possible sunshine.	Total hours of bright sunshine.	Total hours of sun above horizon.	Percentage ratio of actual to possible sunshine.
January	279	337	83	226	326	69	304	343	89
February	279	318	88	277	311	89	273	321	85
March	274	371	74	291	368	79	309	373	83
April	292	379	77	292	380	77	296	375	79
May	197	408	48	283	412	69	Imperfect.	401	?
June	112	403	28	188	408	46	Not recorded.	395	?
July	96	413	23	113	418	27	Imperfect.	404	?
August	162	398	41	95	401	24	83	392	21
September	120	367	33	234	365	64	101	365	28
October	224	359	62	303	352	86	278	360	77
November	257	331	78	281	321	88	278	335	83
December	257	333	77	283	320	88	287	339	85
Year	2,549	4,417	58	2,866	4,382	65	...	...	...

TABLE III.—TEMPERATURES OF NOCTURNAL RADIATION IN 1887. (109 STATIONS).

1. ADEN (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	69·2†	8th	73·4	27th & 28th	62·4	3·0†	6·9	—1·3
February	67·8‡	16th	74·2	23rd	60·2	3·4‡	8·1	0·1
March	70·8§	9th & 18th	74·5	25th	65·0	2·5§	5·4	0·4
April	74·1‖	24th	77·5	18th	68·2	1·9‖	3·9	0·1
May	Not recorded.							
June	Imperfect.							
July	79·6†	7th	84·8	25th & 31st	75·3	1·2†	5·5	0
August	76·2‡	30th	79·9	4th	69·3	1·6†	4·9	0
September	77·9†	7th	82·8	2nd	73·1	3·5†	8·1	0·8
October	70·0†	8th & 12th	76·1	27th	60·5	4·6†	10·4	1·5
November	68·4	19th, 26th & 27th.	73·9	5th	61·0	3·8	8·4	0
December	69·7	4th	72·9	18th	64·0	2·6†	7·1	0·8
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

* On a woollen pad 6 inches above ground.
† Mean of 29 days.
‡ „ „ 26 „
§ Mean of 30 days.
‖ „ „ 27 „

2. AMINI DIVI (*corrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	66·5	31st	72·5	10th	59·2	7·9	9·6	5·4
February	66·9	27th	72·8	18th	57·8	7·5	11·2	5·0
March	72·9	27th	77·4	9th	67·8	5·4	8·4	1·0
April	75·7	23rd	78·5	17th	71·2	4·0	5·5	2·6
May	75·5	26th	78·1	28th	71·5	4·4	6·4	1·1
June	73·0	23rd	76·1	26th	69·9	3·0	4·6	1·2
July	72·8	5th	75·6	1st	69·9	3·8	5·5	0·2
August	73·0	2nd	75·1	12th	69·9	4·1	5·6	1·9
September	72·0	3rd	74·5	24th	68·2	4·8	7·8	1·9
October	70·9	12th	75·1	15th	63·3	5·5	8·5	2·1
November	68·0	4th	72·0	19th	62·9	6·8	8·6	5·0
December	66·6	23rd	74·1	5th	59·5	7·3	11·7	1·8
Year	71·2	...	78·5	...	57·8	5·4	11·7	0·2
Means of extremes	...	...	75·2	...	65·9	...	7·8	2·4

3. QUETTA (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	18·5	24th	41·4	5th	—1·0	10·6	19·5	1·3
February	17·1	19th	40·8	7th	—3·8	13·4	21·3	3·1
March	19·7	2nd	39·9	5th	7·3	15·7	20·3	8·5
April	32·7	17th	43·4	21st	21·0	13·5	25·4	6·2
May	34·5	25th	41·9	17th	23·5	16·3	21·6	13·8
June	44·4	12th	57·4	4th	32·0	15·1	19·2	9·8
July	56·2	17th	64·1	10th	37·9	11·1	18·5	7·0
August	51·3	7th	61·9	27th	37·9	12·0	16·0	8·1
September	30·8	6th	48·4	23rd	21·0	15·6	22·9	11·4
October	23·4	2nd	37·9	24th	17·0	15·7	21·9	12·6
November	14·9†	28th	30·2	8th & 9th	10·2	15·7‡	18·1	11·1
December	13·9	19th	32·0	25th	3·0	15·0	19·5	4·0
Year	29·8	...	64·1	...	—3·8	14·1	25·4	1·3
Means of extremes		...	44·9	...	17·2	...	20·4	8·1

* On a woollen pad.
† Mean of 22 days.
‡ Mean of 20 days.

4. LEH (*corrected*).§

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	—3·2	13th & 16th	5·3	8th	—11·8	10·9	18·7	6·2
February	0·9‖	28th	22·7	10th	—15·7	9·1‖	13·1	2·6
March	10·1	2nd	25·3	17th	— 1·7	12·3	18·7	6·2
April	17·6	27th & 29th	22·3	1st	3·3	12·8	16·3	10·2
May	Imperfect.							
June	Not recorded.							
July	Ditto.							
August	36·6¶	14th	44·2	22nd	30·7	12·5¶	18·1	3·8
September	19·7	1st	36·4	28th	9·4	18·1	24·9	9·3
October	10·8	10th	23·2	26th	—1·8	20·3	26·3	13·4
November	—1·3	29th	6·2	24th to 26th	—5·8	20·7	25·2	14·3
December	1·1	5th	12·2	31st	—10·8	13·8	21·6	8·0
Year	..	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

§ On a woollen pad 3 inches above ground.
‖ Mean of 26 days.
¶ Mean of 25 days.

TABLE III.—TEMPERATURES OF NOCTURNAL RADIATION IN 1887.

5. MOOLTAN (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January	28·5	18th & 28th	38·0	8th, 15th & 22nd.	20·9	12·8	16·5	8·5
February	31·3	28th	48·1	7th & 9th	18·4	13·7	17·5	10·0
March	40·8	2nd	50·2	6th	30·9	15·1	19·3	11·2
April	56·6	29th	67·2	1st	38·0	12·3	26·0	3·8
May	63·4	23rd	69·0	19th	57·0	9·9	15·2	4·0
June	64·9	30th	70·2	13th, 19th, 22nd & 27th.	60·2	11·3	18·0	3·0
July	72·4	6th	78·7	2nd	65·2	10·3	15·0	3·5
August	74·3	12th & 29th	76·3	13th	71·2	8·2	11·6	3·5
September	69·5	1st	74·8	28th	63·2	7·5	11·0	2·0
October	55·9	1st	68·2	30th	44·5	9·3	13·1	4·9
November	38·1	2nd	44·3	21st	32·3	9·6	12·2	6·7
December	34·0	21st	48·1	29th	26·9	7·9	12·3	2·2
Year	52·5	...	78·7	...	18·4	10·7	26·0	2·0
Means of extremes	...	...	61·1	...	44·1	...	15·6	5·4

* On a woollen pad 3 inches above ground.

6. DERA ISMAIL KHAN (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January	33·7	28th	48·8	22nd	20·7	6·8	11·1	2·0
February	35·9	28th	50·8	9th	20·7	7·7	11·2	3·9
March	46·6	27th	62·8	5th & 6th	37·7	8·4	15·9	3·9
April	58·9	15th	71·7	1st	42·8	7·5	23·1	1·0
May	67·2	24th	75·7	1st	58·8	8·4	13·1	4·2
June	76·6	20th	85·7	22nd	69·7	4·3	13·2	0
July	80·4	16th	86·7	6th	70·7	3·2	10·2	−1·9
August	79·4	2nd, 6th & 7th.	82·7	15th	71·7	2·2	4·2	0·2
September	68·6	1st to 3rd	80·7	25th	59·8	4·5	14·1	0·2
October	56·4	1st	69·7	25th	44·8	5·8	7·9	2·0
November	38·6	1st & 2nd	49·8	26th	32·7	6·4	8·9	5·0
December	33·2	20th & 21st	42·8	29th	22·7	6·8	9·2	5·0
Year	56·3	...	86·7	...	20·7	6·0	23·1	−1·9
Means of extremes	...	...	67·3	...	46·1	...	11·8	2·1

* On a woollen pad 3 inches above ground.

7. PESHAWAR (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January	27·4	13th	41·4	8th	16·7	9·8	14·2	3·6
February	30·5	20th	47·3	4th	16·4	10·8	15·2	4·7
March	41·5	2nd	53·8	30th	30·9	10·6	16·2	5·2
April	51·6	29th	62·7	2nd	38·2	10·4	13·8	7·2
May	61·9	3rd	80·5	16th	52·3	11·2	18·1	0·9
June	65·9	29th	81·5	7th	54·8	10·5	20·6	0·4
July	77·6	23rd	84·0	8th	69·6	4·5	11·3	0·3
August	74·4	7th	82·0	29th & 30th	69·2	4·2	7·3	0·3
September	Imperfect.							
October	Not recorded.							
November	Ditto.							
December	Ditto.							
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

8. MURREE (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January	20·8†	2nd	30·0	15th & 23rd	10·2	9·6†	21·1	−1·7
February	22·4‡	28th	40·4	1st	8·8	13·4‡	22·9	1·5
March	35·5§	1st	45·6	18th	22·6	11·4§	20·4	−1·1
April	43·6‖	12th	53·7	1st	31·2	11·9‖	17·3	5·0
May	54·2‡	29th	64·8	15th	42·2	11·5‡	19·3	3·8
June	52·0§	29th	64·1	8th	46·2	9·3§	17·9	1·0
July	60·3‖	2nd & 24th	64·8	7th	50·7	3·7‖	8·9	−0·4
August	56·1‡	8th	63·6	15th	50·1	3·7‡	8·5	−1·2
September	45·2§	1st	57·0	23rd	35·2	13·0§	20·5	0·3
October	44·6†	3rd	47·2	21st	31·2	14·2†	18·2	8·3
November	30·1¶	15th	37·5	10th	22·2	16·5¶	21·3	10·8
December	25·0¶	9th	33·2	28th	14·2	14·7¶	20·4	5·6
Year	40·8	...	64·8	...	8·8	11·1	22·9	−1·7
Means of extremes	...	...	50·2	...	30·4	...	18·1	2·7

* On a woollen pad 3 inches above ground.

† Mean of 24 days.
‡ " " 27 "
§ " " 23 "
‖ Mean of 22 days.
¶ " " 28 "

9. RAWALPINDI (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	30·4†	2nd	41·5	8th	22·2	8.1†	11·9	3·7
February	29·5‡	28th	45·8	9th	18·1	9·6‡	11·8	5·4
March	39·6§	2nd	53·8	24th	31·4	9·5§	14·0	3·6
April	52·1	29th	70·9	2nd	39·0	9·5	20·7	1·9
May	62·5	7th	81·5	3rd	51·9	9·7	14·0	5·2
June	66·5†	12th	82·1	22nd	59·0	8·4†	14·4	3·4
July	74·9	1st	88·5	6th	66·7	4·1	11·7	1·3
August	71·8§	8th	78·6	15th	65·1	4·0§	8·2	0·6
September	57·9‖	4th	67·4	16th	49·3	7·9‖	13·7	1·5
October	47·2§	4th	56·9	29th	35·5	9·8§	14·0	7·2
November	30·6	1st	42·0	24th	22·5	10·8	20·6	8·8
December	Imperfect.							
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

10. SIALKOT (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	37·1	20th	46·9	7th, 8th, 22nd & 31st.	30·9	5·5	10·2	0·9
February	36·2	20th & 28th	48·9	6th	26·9	6·7	16·3	2·1
March	47·6	3rd	61·9	17th	37·9	7·7	10·8	3·4
April	59·9	15th, 29th & 30th.	70·8	2nd	45·9	7·3	14·2	3·2
May	72·7	31st	86·7	2nd	61·9	6·0	11·3	1·8
June	74·1	30th	87·7	4th	63·9	5·5	11·3	0·8
July	79·0	2nd	85·7	11th, 21st, 25th & 28th.	74·8	2·2	8·3	0·3
August	74·5	7th	78·8	9th & 14th	68·9	2·1	3·3	0·7
September	65·5	3rd & 17th	72·8	24th	52·9	4·2	7·3	0·2
October	55·7	1st	66·9	30th	47·2	6·6	10·2	4·3
November	38·8	2nd	51·9	13th	30·9	8·0	12·2	3·3
December	34·4	23rd	41·9	28th to 30th	25·9	7·5	11·3	4·3
Year	56·3	...	87·7	...	25·9	5·8	16·3	0·2
Means of extremes	...	...	66·7	...	47·3	...	10·6	2·1

† Mean of 29 days. § Mean of 30 days. * On a woollen pad 3 inches above ground.
‡ „ „ 26 „ ‖ „ „ 28 „

11. LAHORE (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	31·5	13th	44·9	8th	19·8	9·1	12·7	1·0
February	30·5	28th	47·3	9th	16·8	11·5	15·6	8·6
March	44·4	2nd	60·7	17th	35·4	9·9	14·4	3·3
April	57·3	13th	74·6	2nd	40·9	8·6	13·2	2·6
May	65·4	6th	78·8	1st	54·8	9·3	14·4	4·3
June	73·5	30th	83·5	4th	63·7	5·5	8·2	0·9
July	79·8	3rd	87·5	7th	72·6	2·3	4·3	0·1
August	75·8	1st, 7th, 9th, 21st, 25th & 27th.	78·5	28th	70·6	1·8	3·8	0·2
September	65·0	4th	75·9	23rd	55·1	5·0	10·2	0·8
October	53·9	11th	66·6	27th	44·7	6·3	9·0	3·3
November	36·2	2nd	50·3	24th & 26th	29·8	8·5	11·1	6·1
December	32·0	22nd	42·4	29th	20·8	8·7	11·4	6·4
Year	53·8	...	87·5	...	16·8	7·2	15·6	0·1
Means of extremes	...	...	65·9	...	43·8	...	10·7	3·1

12. LUDHIANA (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	36·8	13th	46·1	8th	28·0	8·1	14·6	4·4
February	36·6	26th	47·7	9th	26·0	8·3	11·6	4·8
March	47·4	3rd & 13th	57·0	7th	40·6	10·2	15·6	4·6
April	55·3	30th	64·1	7th	42·6	12·6	21·9	5·4
May	66·0	31st	78·7	2nd	57·2	12·2	18·9	6·1
June	72·7	29th	84·2	4th	63·5	7·9	15·7	0·9
July	77·3	2nd	87·0	11th	70·8	3·2	7·4	0·5
August	75·1	1st	78·9	15th	72·4	2·2	3·8	0·9
September	64·8	1st	75·7	24th	55·6	6·6	9·6	0·4
October	53·3	2nd	61·6	28th	44·7	9·1	11·2	5·4
November	37·6	2nd	50·7	27th	31·6	11·2	15·0	7·7
December	33·8	22nd	44·1	29th	23·0	11·0	13·5	8·5
Year	54·7	...	87·0	...	23·0	8·6	21·9	0·4
Means of extremes	...	...	64·7	...	46·3	...	13·2	4·1

* On a woollen pad 3 inches above ground.

TABLE III.—TEMPERATURES OF NOCTURNAL RADIATION IN 1887.

13. CHAMBA (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	33·9†	2nd	40·2	22nd	27·4	6·4†	10·1	—0·2
February	38·3	20th	50·7	1st	27·2	5·4	10·3	0·2
March	46·3†	2nd	59·6	30th	35·9	5·6†	11·2	1·5
April	49·3	26th	56·8	1st	40·7	8·5	12·4	3·7
May	60·4	31st	71·6	1st	47·0	8·0	11·7	4·4
June	62·6	13th	72·9	26th	52·9	6·6	9·2	3·2
July	69·7‡	9th	75·3	7th	62·7	2·9‡	5·1	0·3
August	68·1	8th	73·4	10th	59·8	2·0	6·5	0
September	57·1	1st, 2nd & 15th.	67·7	25th	49·8	5·7	8·8	0·7
October	48·0	1st	59·6	31st	39·8	3·8	7·9	0·2
November	35·4	29th	44·8	27th	28·9	11·3	13·9	3·5
December	31·7	22nd	44·0	30th	23·9	10·9	14·5	3·0
Year	50·1	...	75·3	...	23·9	6·4	14·5	—0·2
Means of extremes	...	...	59·7	...	41·3	...	10·1	1·7

* On a woollen pad 2½ inches above ground.
† Mean of 30 days.
‡ Mean of 28 days.

14. DELHI (*corrected*).§

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	40·3	18th	48·1	21st	35·1	8·2	15·5	2·0
February	39·6	26th	54·1	2nd	32·1	12·0	18·0	4·1
March	49·5	29th	61·1	2nd & 3rd	44·1	12·3	23·0	4·0
April	60·4	17th	65·1	4th	50·6	12·9	22·5	3·0
May	69·2	12th	77·6	30th	61·6	12·8	25·0	7·5
June	64·4	2nd	76·1	16th	58·1	14·7	23·0	7·1
July	66·4	19th, 22nd & 23rd.	71·0	3rd	58·1	11·5	16·0	5·1
August	59·7	1st & 21st	69·0	14th	49·1	17·7	27·0	8·1
September	63·8	18th	71·0	4th	56·1	11·0	21·0	4·1
October	58·0	11th	62·6	28th & 31st	50·6	8·5	13·0	4·8
November	44·9	1st & 6th	49·1	28th	40·1	10·1	13·5	6·2
December	39·9	23rd	43·6	31st	36·1	10·0	13·0	7·0
Year	54·7	...	77·6	...	32·1	11·8	27·0	2·0
Means of extremes	...	...	62·4	...	47·6	...	19·2	5·3

§ On a woollen pad 3 inches above ground..

15. SIRSA (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	31·3†	25th	43·4	8th	19·1	12·5†	20·4	8·2
February	31·3	28th	47·1	8th	16·7	13·3	18·2	8·6
March	43·9	3rd	56·1	7th	30·6	12·9	20·0	8·2
April	57·5	30th	73·7	2nd	40·3	11·8	16·8	8·7
May	68·9	31st	79·3	3rd	57·2	10·4	18·2	5·6
June	75·0‡	30th	85·2	12th	55·2	7·9‡	18·3	1·8
July	79·0	1st	87·4	8th	74·9	2·5	4·7	1·3
August	76·0†	1st	79·9	29th	72·2	2·1†	4·2	0·6
September	65·6	1st	77·6	30th	57·1	6·7	10·1	1·2
October	51·4†	5th	64·9	29th	41·1	10·3†	12·4	6·5
November	34·4	1st	43·1	24th	28·7	12·5	14·4	10·4
December	31·4	11th	39·0	25th	23·5	11·9	17·5	7·6
Year	53·8	...	87·4	...	16·7	9·6	20·4	0·6
Means of extremes	...	...	64·7	...	43·1	...	14·6	5·7

† Mean of 30 days.
‡ Mean of 28 days.

16. CHAKRATA (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	24·6	2nd	33·1	22nd	14·0	8·0	18·1	—0·2
February	27·8	28th	42·5	9th	13·5	9·8	18·7	2·6
March	31·9	29th	43·3	15th & 16th	27·2	9·7	16·1	1·1
April	42·7	30th	51·9	1st	32·5	10·0	15·3	3·7
May	51·7	9th & 21st	56·8	2nd	43·0	8·9	14·1	3·9
June	52·1	12th	59·7	4th	47·2	6·3	14·6	—0·1
July	58·8	15th	62·5	28th	54·4	1·7	5·2	—0·2
August	58·0	7th	61·0	6th	53·8	1·7	5·1	—0·3
September	50·5	18th	58·7	26th	43·0	6·2	12·7	—0·5
October	38·6	1st	46·9	27th	30·0	11·9	17·8	4·3
November	31·5§	30th	38·3	22nd	25·8	13·3§	20·7	5·1
December	25·2	5th	31·2	8th, 14th, 25th & 28th.	20·0	13·3	18·7	5·6
Year	41·1	...	62·5	...	13·5	8·4	20·7	—0·5
Means of extremes	...	...	48·8	...	33·7	...	14·8	2·1

* On a woollen pad 3 inches above ground.
§ Mean of 29 days.

17. DEHRA.*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	39·8	4th	47·9	22nd	30·7	4·7	7·0	1·0
February	41·6†	27th	53·9	9th	27·4	5·4†	11·3	1·5
March	52·1	12th	60·0	20th	45·9	4·0	10·4	0·5
April	55·3‡	30th	66·6	1st	44·9	9·0‡	16·1	5·1
May	67·4	15th	77·9	1st	55·6	7·6	10·6	5·2
June	67·0	1st	77·3	14th	61·8	5·8	10·5	1·8
July	71·6	15th	76·9	21st	66·8	2·4	6·3	0·8
August	70·7	1st	75·2	6th	66·9	2·0	3·6	0·1
September	64·2	1st	71·7	24th	57·7	4·5	13·8	1·6
October	54·8	10th	64·7	25th	46·4	5·6	8·2	0·9
November	44·4	1st	49·4	12th	40·4	7·0	8·6	5·3
December	38·2	2nd	43·7	29th	30·8	7·5	8·6	6·1
Year	55·6	...	77·9	...	27·4	5·5	16·1	0·1
Means of extremes	...	...	63·8	...	47·9	...	9·6	2·5

* On forked sticks above grass.
† Mean of 27 days.
‡ Mean of 29 days.

18. MUSSOOREE TRIGL. S.O. (*corrected*).§

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	29·7	4th	37·6	22nd	15·5	4·1	9·8	—1·1
February	27·3	20th	36·0	10th	14·0	11·8	22·3	1·8
March	32·6	29th	40·8	17th	24·0	14·3	22·2	2·2
April	39·6	30th	50·0	1st	28·1	14·9	19·9	5·0
May	49·5‡	31st	54·9	1st & 2nd	41·0	12·0‖	18·9	4·7
June	50·9	30th	58·7	13th	40·6	8·1‡	15·4	0·1
July	58·5	19th	63·1	28th	53·3	2·2¶	6·1	0
August	57·5	8th	60·9	24th	54·1	2·0¶	4·5	0
September	49·7	18th	58·2	21st	41·2	6·9‖	12·4	0·3
October	38·4**	19th	45·4	27th	30·4	11·8**	16·6	4·8
November	27·9	19th	34·1	12th	21·4	16·8	25·8	9·9
December	21·8	2nd & 6th	27·8	26th	14·5	17·3**	24·2	13·1
Year	40·3	...	63·1	...	14·0	10·2	25·8	—1·1
Means of extremes	...	...	47·3	...	31·5	...	16·5	3·4

§ On a woollen pad 2 inches above ground from February, previously on a stand 7 inches over thinly growing tufted grass.
‖ Mean of 28 days.
¶ „ „ 24 „
** „ „ 30 „

19. ROORKEE (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	38·5	13th	51·2	8th	26·0	7·1	10·5	1·6
February	36·6	28th	48·2	8th to 10th	25·2	8·8	12·4	5·8
March	47·4	13th	60·1	21st	37·2	8·7	11·7	4·2
April	57·1	30th	72·6	2nd & 3rd	42·7	8·5	12·5	4·1
May	71·5	22nd	82·9	1st	59·1	7·5	10·5	2·9
June	73·1	29th	83·4	14th	65·1	6·3	10·9	2·8
July	72·9	2nd	79·5	21st, 28th & 30th.	70·1	5·2	6·9	2·9
August	70·8	1st	74·5	25th	67·1	6·1	7·9	3·9
September	64·8†	1st	71·6	26th	55·2	7·1†	9·1	3·4
October	52·7†	10th	61·6	24th	41·7	9·4†	13·2	7·1
November	37·7‡	3rd	45·2	12th & 25th	32·2	10·8‡	12·5	9·1
December	32·9	10th & 13th	38·2	29th	20·7	10·6	14·1	8·3
Year	54·7	...	83·4	...	20·7	8·0	14·1	1·6
Means of extremes	...	...	64·1	...	45·2	...	11·0	4·7

* On a woollen pad 2 inches above ground from February, previously 4 inches.
† Mean of 29 days.
‡ „ „ 28 „

20. RANIKHET (*corrected*).§

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	24·9	19th	33·5	22nd	15·0	11·0	22·0	0·5
February	24·8	20th	29·9	9th	15·7	16·7	26·5	5·4
March	Untrustworthy.							
April	Ditto.							
May	Ditto.							
June	Ditto.							
July	Ditto.							
August	Ditto.							
September	Ditto.							
October	Ditto.							
November	Ditto.							
December	Ditto.							
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

§ On a woollen pad 3 inches above ground.

TABLE III.—TEMPERATURES OF NOCTURNAL RADIATION IN 1887.

21. MEERUT (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Difference, shade and radiation. Maximum.	Difference, shade and radiation. Minimum.
January	39·4	13th & 20th	50·9	8th	29·0	7·4	16·0	1·2
February	37·3	28th	47·1	9th	26·0	9·6	12·9	6·2
March	47·4	12th & 29th	58·8	14th	28·9	10·4	31·1	6·2
April	59·0	20th	72·7	1st, 3rd, & 4th.	44·9	8·8	12·1	4·2
May	70·7	23rd & 31st	78·7	10th	60·8	8·0	12·2	4·2
June	74·4	29th	82·7	14th	65·8	5·9	10·2	3·2
July	74·3	10th	77·7	17th	70·7	3·6	7·2	1·2
August	74·1	1st, 4th, 6th, & 27th.	75·7	14th & 29th	70·7	2·9	4·2	1·5
September	67·6	1st	73·7	24th	55·8	5·2	10·2	1·2
October	54·2	13th	61·8	28th	44·9	8·1	10·1	6·2
November	39·9	6th	48·9	13th	34·0	9·3	12·1	5·0
December	36·0	12th & 24th	40·9	19th	30·2	9·5	11·1	7·6
Year	56·2	...	82·7	...	26·0	7·4	31·1	1·2
Means of extremes	...	...	64·1	...	46·8	...	12·5	4·0

* On a woollen pad 3 inches above ground.

22. BAREILLY (*corrected*).†

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Difference, shade and radiation. Maximum.	Difference, shade and radiation. Minimum.
January	38·9‡	13th & 19th	50·7	24th	28·8	9·2‡	16·1	3·2
February	37·9	27th	48·7	9th & 10th	24·8	10·0	15·1	3·1
March	47·7	28th	60·2	19th	36·8	11·0	16·6	4·2
April	57·2	17th & 20th	67·7	4th	42·8	10·4	17·1	1·2
May	70·9	24th	79·7	10th & 19th	60·7	8·6	14·3	3·3
June	74·1	13th, 19th, & 28th.	78·7	4th	67·7	4·3	8·3	—0·2
July	75·1	19th	79·7	14th	71·7	3·3	5·3	—0·7
August	75·1	1st	77·7	14th	73·2	2·4	6·8	—0·2
September	67·4	1st	76·7	24th	50·7	6·5	16·2	1·3
October	53·4	13th	63·2	18th	42·8	7·8	15·1	2·6
November	42·3‡	9th	51·2	12th & 14th	34·8	Shade min. untrustworthy.		
December	35·4§	13th	48·7	27th	22·8	11·2‖	16·9	5·2
Year	56·3	...	79·7	...	22·8	...	...	...
Means of extremes	...	...	65·2	...	46·5	...	...	...

† On a woollen pad 1 inch above ground.
‡ Mean of 29 days.
§ Mean of 30 days.
‖ „ „ 27 „

23. AGRA (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Difference, shade and radiation. Maximum.	Difference, shade and radiation. Minimum.
January	43·4	4th	56·4	8th	32·1	6·6	9·0	3·8
February	41·4	28th	57·5	9th	25·2	8·8	12·6	5·2
March	54·5	13th	68·7	8th	45·8	8·3	13·6	1·5
April	65·0	16th	77·4	1st	50·5	8·3	14·9	2·0
May	79·1	12th & 24th	85·0	1st	69·7	5·8	11·4	1·6
June	80·9	28th	88·7	30th	72·7	4·9	8·4	2·5
July	76·5	1st	82·7	15th	69·7	2·7	10·4	0
August	75·5	31st	77·9	7th	73·3	2·2	4·3	1·0
September	70·6	15th	76·7	24th	63·1	4·1	7·0	1·6
October	58·8	12th	69·2	25th	49·2	7·1	9·6	3·3
November	45·5	8th	62·1	12th	38·3	8·9	10·5	4·4
December	42·5	30th	52·7	20th	35·4	7·8	10·3	3·8
Year	61·1	...	88·7	...	25·2	6·3	14·9	0
Means of extremes	...	...	71·3	...	52·1	...	10·2	2·6

* On a woollen pad 2 inches above ground.

24. LUCKNOW (*corrected*).†

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Difference, shade and radiation. Maximum.	Difference, shade and radiation. Minimum.
January	41·4	14th	58·0	24th	31·0	6·8	11·0	0·9
February	39·7	17th	52·0	9th	26·0	8·6	15·0	3·0
March	49·2‡	13th	67·0	19th	40·0	7·2‡	16·9	2·9
April	60·1§	20th	72·0	1st	41·0	9·2§	15·0	0·9
May	75·5	25th	82·1	1st & 2nd	67·0	4·8	8·8	0·6
June	76·8	12th	83·1	3rd & 5th	70·0	3·5	11·3	0·2
July	77·0	20th	80·1	17th	73·0	1·8	4·8	0·2
August	75·6	19th	78·1	23rd	70·0	1·6	7·8	0·7
September	71·9	17th & 19th	77·1	24th	59·0	3·7	8·9	0·4
October	57·4	13th	67·0	25th	46·0	7·0	10·9	0·4
November	44·8	7th	58·0	25th & 26th	36·0	7·9	12·0	2·0
December	37·3	16th & 31st	43·0	20th	31·0	8·4	11·0	2·0
Year	58·9	...	83·1	...	26·0	5·9	16·9	0·2
Means of extremes	...	...	68·1	...	49·2	...	11·1	1·2

† On a woollen pad 3 inches above ground.
‡ Mean of 30 days.
§ Mean of 28 days.

25. GORAKHPUR (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January	46·3†	13th	56·6	24th	38·6	2·3†	6·0	0
February	44·0	27th & 28th	54·6	9th & 10th	35·6	5·7	7·1	3·9
March	55·1	13th	65·6	20th	45·6	5·9	9·9	0·9
April	64·9	28th to 30th	74·6	2nd	53·6	4·9	8·9	1·9
May	75·5	8th	81·6	2nd	65·6	3·2	6·9	0·9
June	75·7	12th	80·6	4th	68·6	2·6	6·9	0·9
July	77·6	22nd	80·6	4th	75·6	2·3	3·9	0·9
August	76·5‡	17th	78·6	14th to 16th & 24th.	74·6	1·8‡	2·9	0·4
September				Not recorded.				
October				Ditto.				
November				Ditto.				
December				Ditto.				
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

* On a woollen pad 3½ inches above ground.
† Mean of 27 days.
‡ Mean of 26 days.

26. JHANSI (*corrected*).§

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January	40·0	11th, 13th & 29th.	48·1	8th, 9th, 16th & 23rd.	35·0	11·2	22·4	4·8
February	43·6	26th	55·0	1st	34·5	10·0	13·9	4·9
March	50·5	29th	59·5	6th, 7th, 18th & 20th.	45·1	13·6	17·8	7·4
April	59·2	30th	67·8	1st	48·1	16·2	21·0	7·0
May	65·6	27th & 31st	70·8	19th	58·5	20·4	26·0	11·1
June	72·1	17th	76·3	6th	65·9	14·1	23·1	6·1
July	73·0	2nd & 27th	75·8	16th	62·9	4·3	10·6	2·1
August	72·5	24th	74·8	3rd, 7th, 8th & 15th.	70·8	3·2	5·1	2·1
September	69·2	1st, 2nd, 8th, 9th & 14th.	73·8	28th	61·9	5·4	12·0	3·1
October	60·0	11th & 12th	66·8	25th	51·1	8·1	11·8	4·6
November	48·6	9th	59·0	25th & 26th	43·1	8·3	11·8	4·8
December	44·3	31st	50·1	19th	41·1	7·4	9·8	2·8
Year	58·2	...	76·3	...	34·5	10·2	26·0	2·1
Means of extremes	...	...	64·8	...	51·5	....	15·4	5·1

§ On a woollen pad 3 inches above ground.

27. ALLAHABAD (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January	39·7	13th	58·1	24th	27·2	9·4	15·0	0·1
February	36·8†	28th	47·9	11th	26·2	11·6†	15·4	8·0
March	47·9	29th	65·7	19th	38·5	12·8	17·0	6·3
April	57·9	15th & 16th	67·6	1st	39·9	12·4	17·8	7·0
May	72·6	25th	81·6	21st	64·7	8·0	12·5	2·2
June	78·7	29th	84·7	23rd	73·4	4·4	8·3	1·0
July	76·4	1st	79·8	17th	71·9	1·8	5·7	0
August	75·9	21st & 31st	77·8	25th	72·8	1·9	4·0	0
September	71·5‡	13th	77·5	24th	59·1	4·6‡	11·5	1·2
October	57·8	12th	69·1	25th & 26th	43·9	8·7	13·8	0·6
November	44·4	7th	61·0	26th	34·9	10·7	13·8	3·8
December	35·7	31st	48·7	21st	29·9	11·6	14·5	8·0
Year	57·9	...	84·7	...	26·2	8·2	17·8	0
Means of extremes	...	...	68·5	...	48·5	...	12·4	3·2

* On a blanket pad 2 inches above ground.
† Mean of 24 days.
‡ Mean of 28 days.

28. BENARES (*corrected*).§

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January	40·2‖	6th	50·6	1st	32·1	7·9‖	13·2	5·6
February	39·7	28th	48·3	10th	30·2	9·4	13·6	7·2
March	49·6‖	13th	60·4	19th	44·2	10·0‖	14·6	7·0
April	60·1‖	30th	70·0	2nd	46·1	9·5‖	12·4	6·1
May	74·4¶	26th	82·3	6th	67·7	6·5¶	10·9	4·0
June	78·0‖	29th	84·0	15th	73·0	3·9‖	6·0	1·4
July	76·1	23rd	79·8	16th	71·3	3·1	6·7	0·9
August	75·3	21st	77·5	25th	72·8	2·7	4·3	1·4
September	71·7**	1st	76·8	24th	62·5	4·9**	8·2	1·5
October	60·7**	12th	70·6	25th & 26th	49·7	6·8**	11·5	4·3
November	45·0	9th	57·9	26th	35·9	10·4	14·2	7·3
December	36·8	31st	47·5	20th	30·2	11·1	12·9	7·1
Year	59·0	...	84·0	...	30·2	7·2	14·6	0·9
Means of extremes	...	...	67·1	...	51·3	...	10·7	4·5

§ On a woollen pad 5 inches above ground.
‖ Mean of 27 days.
¶ Mean of 26 days.
** „ „ 29 „

TABLE III.—TEMPERATURES OF NOCTURNAL RADIATION IN 1887.

29. GHAZIPUR (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	41·7†	14th	55·2	1st	34·0	9·5†	14·1	3·1
February	39·5‡	28th	51·3	9th	28·5	12·5‡	16·7	10·0
March	50·2	28th & 29th	60·4	20th	41·5	12·4	17·5	4·5
April	57·6	30th	67·1	2nd	47·3	11·9	17·2	4·6
May	70·7§	26th	77·6	5th	64·9	8·0§	14·1	0·2
June	76·2	18th	79·5	22nd	72·4	3·7	6·2	0·3
July	76·3	23rd	79·5	29th	72·5	3·3	5·1	1·5
August	75·4	17th	78·2	15th	71·7	3·3	5·8	0·1
September	71·2	1st	77·3	24th	61·1	5·5	10·1	2·5
October	60·8	8th, 12th & 14th.	70·2	25th & 26th	49·8	8·8	14·8	1·6
November	46·4	8th	55·2	25th	39·3	12·1	17·4	8·8
December	39·5	31st	45·5	27th	33·2	11·1§	14·3	7·2
Year	58·8	...	79·5	...	28·5	8·5	17·5	0·1
Means of extremes	...	...	66·4	...	51·4	...	12·8	3·7

* On a woollen pad 1½ inches above ground.
† Mean of 25 days.
‡ Mean of 27 days.
§ „ „ 30 „

30. SIBSAGAR (*corrected*).‖

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	44·8	15th	53·8	25th	32·6	5·5	7·5	3·1
February	45·3	22nd	55·5	12th	37·7	5·6	8·3	3·5
March	56·5	5th	64·3	9th	50·3	4·7	6·9	3·1
April	60·6	22nd	68·2	2nd	52·7	5·3	7·4	4·0
May	67·9	24th	70·7	2nd	62·7	6·0	7·8	4·4
June	70·7	19th	72·9	2nd	65·5	5·6	7·2	4·6
July	73·4	13th	78·6	23rd	70·9	4·9	7·8	3·7
August	72·2	17th & 28th	74·9	16th	70·3	4·9	6·7	3·3
September	72·6	13th & 14th	75·6	2nd	69·2	4·9	6·4	3·4
October	65·6	1st	69·6	31st	55·3	5·0	6·2	3·8
November	53·3	3rd	62·0	30th	42·3	6·2	8·9	3·3
December	40·1	28th	46·2	23rd	36·1	7·4	9·3	5·2
Year	60·3	...	78·6	...	32·6	5·5	9·3	3·1
Means of extremes	...	...	66·0	...	53·8	...	7·5	3·8

‖ On a woollen pad 3 inches above ground.

31. DHUBRI (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	45·5	20th	54·9	25th	39·4	7·6	11·3	1·1
February	44·6	28th	54·9	10th & 11th	31·7	9·7	13·4	5·5
March	58·7	5th	66·7	19th	48·5	5·4	10·5	1·2
April	65·5	23rd	73·0	5th	55·4	4·8	9·9	0·9
May	71·1	26th	75·8	1st	63·9	3·4	6·4	0·9
June	73·4†	15th	75·6	5th	69·7	2·3†	4·1	0·8
July	Not recorded.							
August	Imperfect.							
September	74·6	16th	77·1	5th	71·0	2·7	6·0	0·3
October	67·4	13th	72·6	25th	59·1	5·0	7·7	0·5
November	56·5	17th	62·1	29th	49·3	7·5‡	9·8	5·4
December	45·0	28th	52·2	27th	41·7	8·8	10·8	6·2
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

† Mean of 19 days.
‡ „ „ 29 „

32. DARJEELING (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	26·8§	14th	32·5	16th	20·5	5·5§	12·3	—1·2
February	23·8‖	19th	34·0	11th	14·6	10·3‖	15·2	1·3
March	32·0	4th	44·3	16th	23·9	10·1	18·6	1·2
April	39·2	22nd	50·6	2nd	29·1	8·0	13·8	1·4
May	47·4	16th	54·0	3rd	38·9	5·2	11·1	0·5
June	52·8	18th	56·7	6th	48·0	2·4	8·6	0
July	54·6	11th	57·9	24th	50·8	2·8	7·3	0·1
August	55·4§	10th	58·1	20th	51·8	1·1§	5·5	—1·5
September	52·4	19th	56·9	7th	48·1	3·2	8·6	0
October	Imperfect.							
November	Not recorded.							
December	Ditto.							
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

* On a woollen pad 1 inch above ground.
§ Mean of 27 days.
‖ „ „ 26 „

33. PURNEAH (*corrected*).*

MONTH.	Mean.	MAXIMUM. Day.	MAXIMUM. o	MINIMUM. Day.	MINIMUM. o	DIFFERENCE, SHADE AND RADIATION. Mean.	Maximum.	Minimum.
January	42·4	20th	54·7	1st	33·0	6·6	10·0	2·0
February	40·1	28th	52·7	10th & 11th	30·0	8·7	14·9	4·0
March	50·7	13th	63·6	21st & 22nd	38·9	9·0	15·0	3·0
April	61·5	21st	72·6	3rd	41·8	7·7	22·9	3·0
May	70·4	16th to 18th, 24th & 26th.	74·6	1st	58·6	6·3	13·0	1·0
June	73·8	30th	77·6	7th	66·6	2·7	6·0	1·0
July	75·7	13th, 14th, 24th & 27th.	77·6	1st, 3rd, 4th, 6th to 8th, 12th, 15th, 16th 29th & 30th.	74·6	2·9	6·0	1·0
August	74·7	9th	76·6	15th	70·6	2·6	5·0	1·0
September	73·8	10th	77·6	5th	69·6	2·7	5·0	1·0
October	66·8†	2nd, 6th, & 8th.	73·6	25th	53·7	3·2†	6·1	1·0
November	53·6	1st & 2nd	58·6	30th	46·8	5·8	11·9	3·0
December	40·9	1st	46·8	22nd to 24th	37·9	7·5	11·0	4·5
Year	60·4	...	77·6	...	30·0	5·5	22·9	2·1
Means of extremes	...	...	67·2	...	51·8	...	10·6	1·0

* On a woollen pad 3 inches above ground. † Mean of 29 days.

34. PATNA (*corrected*).‡

MONTH.	Mean.	MAXIMUM. Day.	MAXIMUM. o	MINIMUM. Day.	MINIMUM. o	DIFFERENCE, SHADE AND RADIATION. Mean.	Maximum.	Minimum.
January	41·8	13th	56·1	1st	32·0	9·2	14·5	2·2
February	39·3	28th	50·7	11th	31·4	11·7	14·6	8·4
March	52·9	29th & 30th	64·7	7th, 8th, & 19th.	46·7	10·0	14·0	2·5
April	63·1	28th & 30th	73·7	2nd	49·7	7·5	14·5	2·0
May	74·3§	25th	81·1	1st	64·1	3·9§	8·9	0·9
June	76·1	24th	79·1	1st	72·1	2·9	5·1	0·7
July	77·3	9th & 10th	78·9	6th	75·3	2·7	4·9	0·8
August	76·0	20th	78·7	15th	72·3	3·3	6·3	1·0
September	72·8	16th	77·9	25th	62·5	5·4	10·7	0·9
October	63·0	8th & 13th	70·7	27th & 28th	49·7	8·1	14·6	1·9
November	47·4	9th	54·1	13th	40·2	12·4	15·0	9·0
December	39·0	10th	44·7	27th	33·4	12·2	15·2	8·4
Year	60·3	...	81·1	...	31·4	7·4	15·2	0·7
Means of extremes	...	...	67·5	...	52·5	...	11·5	3·2

‡ On a woollen pad 2½ inches above ground. § Mean of 30 days.

35. HAZARIBAGH (*corrected*).*

MONTH.	Mean.	MAXIMUM. Day.	MAXIMUM. o	MINIMUM. Day.	MINIMUM. o	DIFFERENCE, SHADE AND RADIATION. Mean.	Maximum.	Minimum.
January	41·6	13th	54·7	2nd	30·3	8·6	15·5	0·9
February	41·8	25th	50·4	11th	30·3	10·5	14·4	6·4
March	52·1	28th	60·1	7th	42·9	11·0	16·7	0·2
April	60·5	30th	71·4	2nd	50·1	10·2	15·2	4·6
May	69·2	14th	76·3	4th	59·0	6·0	13·0	0·5
June	71·4	28th.	75·3	9th	67·7	3·6	7·0	1·4
July	70·3	2nd	73·0	16th	65·7	2·8	6·9	0·6
August	69·7	1st, 6th, 13th & 29th.	71·6	25th	65·4	2·7	6·1	0·3
September	67·6	17th.	71·8	26th	59·1	3·5	7·5	1·3
October	57·7	14th	67·7	28th	44·7	8·1	15·1	1·8
November	45·9	11th	56·1	26th & 29th	39·7	11·6	15·6	1·5
December	37·3	25th	43·1	22nd	30·6	13·1	18·7	8·9
Year	57·1	...	76·3	...	30·3	7·6	18·7	0·2
Means of extremes	...	...	64·3	...	48·8	...	12·6	2·4

* On a woollen pad 3 inches above ground.

36. BERHAMPORE (*corrected*).†

MONTH.	Mean.	MAXIMUM. Day.	MAXIMUM. o	MINIMUM. Day.	MINIMUM. o	DIFFERENCE, SHADE AND RADIATION. Mean.	Maximum.	Minimum.
January	46·2	7th	59·3	18th	39·6	7·3	10·6	2·9
February	44·3	28th	55·2	2nd	37·1	8·9	11·6	7·5
March	57·8	12th	66·7	7th & 23rd	50·2	8·3	13·5	0
April	65·4	25th & 26th	73·2	5th	55·2	7·2	12·5	3·6
May	72·6	14th & 15th	79·1	3rd	61·8	4·0	8·5	0·1
June	75·5	3rd	81·1	6th	69·7	2·7	4·6	0·2
July	75·6	28th	78·1	11th	72·2	2·9	6·6	0·2
August	75·3	1st, 5th, 13th & 26th.	77·1	28th & 29th	73·2	3·4	5·6	1·3
September	74·9	3rd & 19th	77·1	30th	70·2	3·7	8·1	0·2
October	66·1	6th	74·2	27th	55·2	7·3	11·5	3·1
November	53·4	1st	67·2	12th	47·2	10·9	15·0	4·6
December	44·1	28th	50·2	22nd, 27th & 30th.	40·1	10·9	12·6	7·0
Year	62·6	...	81·1	...	37·1	6·5	15·0	0
Means of extremes	...	...	69·9	...	56·0	...	10·1	2·6

† On a woollen pad 2 inches above ground.

TABLE III.—TEMPERATURES OF NOCTURNAL RADIATION IN 1887.

37. BURDWAN (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	44·1	8th	57·4	24th	35·3	9·7	14·1	5·0
February	42·6	27th	53·3	11th	34·0	11·7	20·7	9·1
March	57·8	14th	70·3	1st	44·2	9·3	21·2	1·4
April	67·0	26th	74·2	5th	58·9	6·7	11·7	3·0
May	73·9†	15th & 30th	78·9	4th	64·9	3·9†	7·5	0·7
June	74·7	3rd	79·4	8th & 29th	71·4	4·6	9·5	2·5
July	75·9	27th	79·4	14th	71·4	3·2	7·0	1·0
August	75·6	5th	77·4	17th	73·9	3·1	5·5	0
September	74·9	2nd, 9th & 19th.	77·4	30th	66·4	3·6	10·0	1·0
October	67·0	9th & 15th	75·4	28th	56·4	5·8	10·0	1·0
November	55·8	1st	71·4	14th	47·2	7·6	12·0	1·7
December	45·2	28th	57·9	22nd & 30th	40·1	9·4	12·6	2·4
Year	62·9	...	79·4	...	34·0	6·6	21·2	0
Means of extremes	...	...	71·0	...	55·3	...	11·8	2·4

* On a woollen pad 2½ inches above ground. † Mean of 29 days.

38. JESSORE (*corrected*).‡

Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
	Day.	°	Day.	°	Mean.	Maximum.	Minimum.
37·8§	21st	52·8	23rd	32·1	10·1§	16·0	5·8
43·1‖	28th	61·1	11th & 12th	33·3	10·9‖	14·3	6·3
48·5¶	13th	68·1	8th	51·1	7·0¶	15·0	3·3
66·4**	22nd	73·9	7th	59·1	7·8**	11·2	4·5
Imperfect.							
75·6	3rd & 4th	79·2	2nd	70·1	3·5	6·1	1·8
76·2	31st	77·4	15th	74·4	2·7	4·6	0·8
75·2	19th	77·1	31st	72·3	3·4	6·1	1·6
74·0§	15th	77·2	30th	70·1	4·4§	7·9	1·0
64·7	4th	73·1	29th	51·5	8·8	14·2	2·0
51·9	1st	67·1	8th	42·7	12·2	22·4	5·6
40·2†	28th	49·1	24th	35·1	14·4†	19·6	6·3
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...

‡ On a woollen pad 2 inches above ground.
§ Mean of 28 days.
‖ „ „ 26 „
¶ Mean of 25 days.
** „ „ 24 „

39. DACCA (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	42·9	8th	56·2	24th	34·2	11·1	13·8	3·8
February	43·8	26th	58·2	11th	32·9	11·8	15·4	8·1
March	60·9	26th	68·6	20th	52·4	7·7	14·3	3·3
April	65·5	22nd	74·4	1st	55·8	8·0	11·0	5·0
May	72·4	18th & 19th	76·4	3rd	61·4	4·9	9·8	1·3
June	74·8	3rd	76·7	5th	68·4	3·6	6·1	1·6
July	76·0	2nd	78·3	26th	70·4	3·1	9·7	1·3
August	75·2	18th	78·4	3rd	70·2	3·6	8·0	1·0
September	74·5	9th	76·7	25th	71·3	4·6	7·4	1·4
October	66·9	7th	74·7	26th	55·1	6·7	10·8	1·5
November	57·7	1st	69·6	30th	47·1	8·0	14·7	1·6
December	45·6	28th	52·1	30th	40·3	10·0	12·5	7·3
Year	63·0	...	78·4	...	32·9	6·9	15·4	1·0
Means of extremes	...	...	70·0	...	55·0	...	11·1	3·1

* On a woollen pad 4 inches above ground.

40. CHITTAGONG (*corrected*).†

Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
	Day.	°	Day.	°	Mean.	Maximum.	Minimum.
47·9	22nd	61·0	24th	39·5	7·0	10·1	1·9
49·1	8th	60·6	3rd	39·0	7·1	10·5	4·0
63·9	3rd	69·0	1st	55·2	4·5	7·3	1·3
67·0	24th	73·8	2nd	53·9	5·8	9·3	2·9
73·2	17th	78·2	3rd	66·7	3·5	6·9	0·9
74·1	3rd & 17th	76·5	5th	69·2	2·7	6·3	0·8
73·9	27th	76·4	18th	72·5	2·4	4·1	1·2
74·0	30th	76·7	10th & 21st	71·9	2·3	4·4	0·6
73·9	9th	79·4	25th	69·7	2·2	4·7	0·8
68·8	6th	73·9	25th & 26th	59·8	3·7	7·2	1·3
60·5	1st	69·3	30th	50·9	5·7	10·1	1·2
45·9	21st	50·9	30th	42·0	10·5	13·1	5·7
64·4	...	79·4	...	39·0	4·8	13·1	0·6
...	...	70·5	...	57·5	...	7·8	1·9

† On a woollen pad 3 inches above ground.

41. CALCUTTA (ALIPORE) (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	46·8	8th	59·0	24th	36·4	8·4	12·0	2·2
February	46·6	27th	61·1	11th	35·4	10·4	13·4	6·6
March	63·5	16th	70·8	23rd	56.5	7·2	12·1	1·7
April	67·7	28th	75·4	7th	60·4	6·4	9·8	4·4
May	73·7	15th	78·8	3rd	63·9	3 8	9·3	1·1
June	75·2	2nd	79·3	7th	69·6	3·3	8·9	1·2
July	75·9	28th	77·8	16th	73·1	2·3	4·5	0·6
August	75·4	5th	77·4	13th	73·4	2·6	4·6	0·3
September	75·4	15th	77·6	30th	72·8	2·8	5·6	0·7
October	67·3	9th	75·0	29th	56·4	5·4	8·4	1·3
November	56·9	1st	70·3	25th	49·4	7·8	10·9	2·6
December	45·1	28th	52·8	23rd	39·4	11·0	13·5	7·1
Year	64·1	...	79·3	...	35·4	6·0	13·5	0·3
Means of extremes	...	...	71·3	...	57·2	...	9·4	2·5

* On a woollen pad 1 inch above ground.

42. SAUGOR ISLAND (*corrected*).†

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	50·3	7th	59·8	3rd & 23rd	43·9	8·9	12·4	3·9
February	51·5	28th	67·8	11th	37·9	10·7	15·3	5·6
March	69·6	29th	74·4	27th	60·8	6·8	9·6	5 2
April	72·4	28th	77·5	15th	67·0	6·4	10·3	2·0
May	75·9	16th	80·4	3rd	65·8	4·8	8·1	1·8
June	78·1	17th	81·9	7th	73·2	3·9	10·2	1·6
July	76·6	31st	80·1	19th	73·2	3·2	5·1	0·9
August	76·0	26th	79·1	27th	73·1	3·7	5·7	1·1
September	75·2	2nd & 20th	77·8	25th	67·8	4·7	12·6	1·2
October	68·4	11th & 16th	74·5	29th	57·3	6·3	9·8	1·2
November	58 8	1st	70·9	15th	49 8	8·4	12·4	2·0
December	47·9	1st	53·4	23rd	42·3	10 2	12·9	7·7
Year	66·7	...	81·9	...	37·9	6·5	15·3	0·9
Means of extremes	...	...	73·1	...	59·3	...	10·4	2·9

† On a woollen pad 2 inches above ground.

43. CUTTACK (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	56·5†	16th	60·4	23rd	48·3	4·1†	9·8	1·3
February	Not recorded.							
March								
April								
May								
June								
July								
August	Imperfect.							
September	73·0	4th	75·9	29th	66·7	5·0	8·4	2·8
October	66·2	10th & 12th	72·9	29th & 31st	56·9	7·8	16·3	3·3
November	57·2	3rd	69·9	14th	45·5	9·4	14·9	1·9
December	46·8	26th	60·1	23rd	40·0	11·0	12·9	4·9
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

* On a woollen pad 2 inches above ground.
† Mean of 24 days.

44. FALSE POINT (*corrected*).‡

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	53·3	21st	63·9	24th	43·1	6·5	11·0	3·2
February	56·6	7th	68·3	3rd & 12th	47·6	4·5	7·4	2·6
March	70·6	30th	77·4	9th	62·7	3·0	4·6	1·2
April	73·9	19th & 29th	77·7	16th	66·8	2·6	5·6	0·8
May	76·8§	16th	81·2	4th	60·5	2·7§	9·4	1·0
June	77·6	3rd	80·5	13th	73·1	2·4	5 3	0·6
July	76·1	1st	79·7	13th	73·9	1·7	5·1	0·6
August	76·3	2nd	85·4	9th	72·5	2·0	4·0	0·6
September	74·5	4th	77·6	30th	69·5	3·2	5·5	1·3
October	69·3	16th	75·3	29th	60 6	4·1	7·4	1·0
November	58·6	2nd	71 6	26th	47·7	6·2	10·1	1·4
December	52·4	4th	59·4	16th	48·5	3·7	8·4	0
Year	68·0	...	85·4	...	43·1	3·6	11·0	0
Means of extremes	...	...	74·8	...	60·5	...	7·0	1·2

‡ On a woollen pad 2½ inches above ground.
§ Mean of 30 days.

TABLE III.—TEMPERATURES OF NOCTURNAL RADIATION IN 1887.

45. SAMBALPUR (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	45·4	13th	56·1	24th	32·9	10·4	13·3	6·3
February	42·4	25th	51·1	11th	34·9	10·9	13·8	8·6
March	61·0	30th	68·3	7th	52·6	7·6	11·1	5·1
April	66·7	30th	73·1	4th	57·7	8·2	12·8	2·9
May	72·2	26th	76·7	4th	67·1	10·6	15·3	3·9
June	74·1	8th	75·9	7th	71·7	7·2	14·6	2·7
July	73·4	3rd	76·2	15th	70·1	3·5	5·2	2·4
August	73·9	13th & 26th	75·7	24th	71·5	2·9	4·1	2·2
September	72·9	14th	76·1	30th	69·2	3·7	5·4	2·2
October	64·3	15th	72·5	29th	51·1	6·6	11·1	2·7
November	52·5	3rd	67·7	27th	38·4	9·9	14·4	4·8
December	40·3	28th	57·7	20th	30·2	13·0	18·0	2·4
Year	61·6	...	76·7	...	30·2	7·9	18·0	2·2
Means of extremes	...	...	68·9	...	54·0	...	11·6	3·9

* On a woollen pad 1½ inches above ground.

46. RAIPUR (*corrected*).†

Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
	Day.	°	Day.	°	Mean.	Maximum.	Minimum.
45·0	12th	57·9	24th	31·1	11·7	15·5	3·3
40·2	28th	52·0	10th	30·0	15·4	18·1	10·6
55·4	14th & 31st	66·9	7th	43·2	13·5	18·3	5·7
65·5	30th	79·4	24th	57·6	10·1	16·4	1·8
Imperfect.							
Ditto.							
Not recorded.							
Ditto.							
Ditto.							
Ditto.							
Ditto.							
Imperfect.							
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...

† On a woollen pad resting on the ground.

47. NAGPUR (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	42·7	12th	55·8	22nd	31·9	14·1	18·0	8·2
February	39·3	28th	50·4	10th	25·7	17·5	21·3	14·3
March	52·0	24th	61·6	7th	40·9	16·0	20·5	12·8
April	62·5	29th	71·7	4th	53·4	12·9	16·4	6·3
May	71·6	22nd	80·7	2nd	59·8	11·4	19·0	3·3
June	72·6	1st	82·3	12th	68·1	4·7	13·2	1·7
July	71·0	2nd	73·7	17th	64·8	2·9	6·3	1·3
August	70·6	5th	73·3	26th	65·1	3·1	6·0	1·2
September	67·4	12th	72·9	28th	56·8	5·3	12·4	1·4
October	56·9	12th	69·7	26th	43·7	10·2	15·4	2·0
November	47·4	6th	64·3	26th	33·9	13·1	16·9	5·6
December	38·6	31st	61·8	20th	29·9	15·2	18·4	5·0
Year	57·7	...	82·3	...	25·7	10·5	21·3	1·2
Means of extremes	...	...	68·2	...	47·8	...	15·3	5·3

* On a woollen pad 3 inches above ground.

48. SEONI (*corrected*).†

Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
	Day.	°	Day.	°	Mean.	Maximum.	Minimum.
42·6	13th	54·9	23rd & 24th	32·6	10·2	17·4	3·1
39·1	28th	47·7	8th	28·4	12·3	17·6	4·7
50·4	24th & 31st	58·7	8th	38·3	13·4	21·4	7·8
60·3	30th	68·7	11th	52·0	11·2	17·1	1·6
67·6	12th	78·1	2nd	58·5	10·7	14·9	6·4
69·9	6th	74·8	3rd	64·3	5·3	14·8	1·4
69·6	6th	71·8	16th	65·7	2·1	5·4	0·9
68·7	20th	71·3	26th	66·6	2·4	4·9	1·0
64·2	14th	71·4	28th	53·7	5·4	11·0	1·1
54·3	9th	70·1	27th	38·5	8·2	14·8	1·1
44·8	10th	63·1	26th	31·8	11·1	18·8	1·9
38·1	31st	59·4	20th	29·4	11·1	14·7	1·5
55·8	...	78·1	...	28·4	8·6	21·4	0·9
...	...	65·8	...	46·7	...	14·4	2·7

† On a woollen pad 6 inches above ground.

49. JUBBULPORE (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January	45·1	13th	57·6	23rd	32·6	6·9	9·3	2·2
February	37·4	28th	48·2	10th	22·4	9·2	12·9	7·1
March	49·8	29th	59·7	7th	38·7	9·1	13·2	6·8
April	60·2	14th	74·0	4th	50·0	9·1	11·4	4·0
May	71·8	28th	77·1	23rd	54·4	7·4	11·9	2·6
June	75·8	9th	82·2	16th	71·1	2·2	4·9	0·7
July	72·9	1st & 2nd	75·4	3rd	71·3	0·8	2·5	0·2
August	71·9	14th & 21st	73·6	3rd	69·7	1·2	3·1	0·2
September	70·0	14th	73·3	30th	63·7	1·4	2·3	0·5
October	59·8	4th, 9th & 11th.	66·3	31st	48·8	3·4	6·8	0·8
November	47·2	8th	61·3	26th & 30th	37·9	5·0	6·9	3·1
December	40·8	28th	54·0	19th	34·9	5·3	6·8	2·7
Year	58·6	...	82·2	...	22·4	5·1	13·2	0·2
Means of extremes	...	...	66·9	...	49·6	...	7·7	2·6

* On a woollen pad 2 inches above ground.

50. SAUGOR (*corrected*).†

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January	41·4	13th	50·7	23rd	31·6	11·7	15·8	6·3
February	37·4	27th	48·9	10th	25·8	15·6	18·0	12·6
March	46·7	29th	57·3	7th	36·6	16·8	20·2	14·3
April	58·5	14th	65·8	1st	44·3	14·9	19·6	9·8
May	69·2	26th & 29th	75·1	1st	59·4	11·0	16·2	5·0
June	70·2	1st	74·2	16th & 22nd	66·2	6·9	14·4	2·4
July	69·6	1st	73·2	3rd	66·2	3·2	5·8	0·2
August	69·8	14th	72·2	28th	66·8	2·2	4·4	0·2
September	66·0	14th	72·2	28th	55·3	4·6	10·4	0·9
October	53·2	12th	64·4	31st	40·2	10·6	18·4	0·9
November	43·0	10th	55·7	27th	34·0	13·1	16·4	7·8
December	38·3	31st	50·5	21st	31·0	15·0	17·5	10·0
Year	55·3	...	75·1	...	25·8	10·5	20·2	0·2
Means of extremes	...	...	63·4	...	46·5	...	14·8	5·9

† On a woollen pad 3 inches above ground.

51. PACHMARHI (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January	47·3	13th	53·9	23rd	27·9	8·6	12·3	2·9
February	34·7	28th	45·9	10th	21·1	12·0	16·0	9·5
March	50·1	29th	61·9	8th	34·0	11·3	16·0	5·7
April	58·0	30th	71·2	4th	47·1	10·5	17·3	3·2
May	67·2	31st	74·4	5th	58·7	9·0	14·0	5·7
June	65·2	1st	73·4	13th, 14th & 22nd.	61·9	4·9	9·3	2·6
July	63·7	2nd	66·7	17th	58·7	3·5	7·5	2·0
August	63·1	20th	66·9	17th	59·7	3·4	6·6	1·5
September	60·2	10th	65·7	28th	51·9	4·8	8·6	0·8
October	50·9	11th	62·1	26th	39·1	6·1	11·5	2·1
November	42·4	8th	56·9	28th	32·0	8·3	19·2	3·1
December	35·1	31st	52·2	20th	28·2	9·4	12·0	6·0
Year	52·7	...	74·4	...	21·1	7·7	19·2	0·8
Means of extremes	...	...	62·6	...	43·4	...	12·5	3·8

* On a woollen pad 3 inches above ground.

52. HOSHANGABAD (*corrected*).†

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January	43·3‡	12th	53·8	24th	31·4	10·4‡	14·4	5·7
February	38·6	15th & 16th	49·4	9th	27·6	12·0	17·1	4·3
March	53·7	24th	62·3	8th	43·7	9·0	13·2	5·1
April	65·6	28th	77·6	1st & 4th	58·5	7·4	10·2	4·5
May	74·7	31st	80·2	1st	63·4	5·5	11·1	2·3
June	73·8	6th	79·0	21st & 26th	70·3	3·5	7·0	1·3
July	72·8	2nd	75·6	17th	67·2	1·3	3·8	0·4
August	72·6	16th	74·6	25th	70·0	1·3	3·8	0·4
September	69·0	2nd	74·3	27th	63·0	4·1	11·8	1·0
October	58·6	7th	71·0	27th & 28th	45·6	7·5	17·5	0·6
November	47·3	9th	65·1	25th	33·8	9·9	13·2	3·1
December	41·7	31st	62·0	20th	35·7	9·7	13·8	3·4
Year	59·3	...	80·2	...	27·6	6·8	17·5	0·4
Means of extremes	...	...	68·7	...	50·8	...	11·4	2·7

† On a woollen pad resting on the ground.
‡ Mean of 30 days.

TABLE III.—TEMPERATURES OF NOCTURNAL RADIATION IN 1887.

53. KHANDWA (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January	46·2	7th	54·8	23rd	32·0	7·6	11·9	3·3
February	Imperfect.							
March	58·1†	28th	70·4	17th	49·9	8·2†	11·4	2·4
April	65·7	28th	78·8	2nd	54·1	9·0	15·2	4·6
May	74·6	25th	80·7	7th	66·6	4·5	9·4	1·7
June	73·9	5th	79·4	11th	67·8	2·5	5·1	1·6
July	71·6	2nd	75·6	17th	68·2	1·8	3·5	0·6
August	70·7	17th	73·7	26th	64·8	3·6	6·0	2·0
September	67·4	7th & 10th	72·6	29th	56·8	6·4	14·6	2·2
October	55·3	12th	68·9	31st	41·6	9·1	18·3	3·0
November	46·2	9th	64·5	26th	30·9	8·4	13·5	1·8
December	37·1	31st	63·2	23rd	30·7	11·7	15·7	4·0
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

* On a woollen pad ½ inches above ground.
† Mean of 22 days.

54. CHANDA (*corrected*).‡

Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
45·4	12th	53·9	24th	32·8	10·8	13·5	8·7
40·1	25th	49·8	9th	29·4	12·1	14·8	10·8
54·2	20th	67·9	8th	39·4	11·6	15·2	8·6
67·9	30th	76·9	4th	60·2	8·6	11·6	4·6
74·5§	31st	85·4	3rd	68·8	8·7§	15·2	2·0
74·7	1st	86·9	23rd	69·3	3·6	7·6	1·1
71·6	5th	74·6	16th & 17th	67·5	2·4	3·9	1·4
71·5	19th	74·6	25th	68·7	2·4	4·1	1·4
69·7	3rd	74·4	23rd	61·4	3·5	8·6	1·3
61·0	14th	70·5	31st	50·3	6·7	9·0	2·8
49·1	6th	66·5	27th	34·3	10·7	15·2	5·5
39·7‖	27th	55·2	22nd	32·2	11·4‖	15·3	5·1
60·0	...	86·9	...	29·4	7·7	15·3	1·1
...	...	69·7	...	51·2	...	11·2	4·4

‡ On a woollen pad 3 inches above ground
§ Mean of 30 days.
‖ Mean of 28 days.

55. SIRONCHA (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January	Not recorded.							
February								
March								
April	72·0†	24th	76·7	16th	65·7	8·2†	11·7	5·6
May	77·9	27th	86·5	5th	68·4	8·7	12·8	3·7
June	75·6	1st	84·7	24th	71·1	4·6	8·0	1·9
July	72·5	4th	75·7	16th	67·3	3·4	8·0	1·8
August	72·2	19th	75·7	17th	69·2	3·4	6·0	1·7
September	70·4	14th	74·8	29th	61·4	5·1	9·8	2·0
October	65·3	14th	72·7	20th	57·3	7·7	15·0	2·6
November	59·3	21st	71·4	27th	41·9	6·9	12·4	2·1
December	45·6	27th	59·9	20th	34·2	9·8	13·8	3·1
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

* On a woollen pad 6 inches above ground.
† Mean of 22 days.

56. CHIKALDA (*corrected*).‡

Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
46·1	12th	55·7	22nd	31·8	9·4	17·7	—0·1
47·0	28th	55·2	2nd	33·1	11·6	19·0	4·1
60·3	24th	68·0	9th	44·3	6·2	20·1	1·9
66·5	22nd	74·7	11th	56·6	6·5	13·8	2·1
69·2	30th & 31st	74·4	8th	60·6	2·6	11·2	0·1
65·9	5th	72·9	15th	61·3	1·2	5·9	—0·1
64·9	5th	67·0	16th	61·3	0·3	2·4	—0·2
64·5	17th & 19th	67·3	26th	61·6	0·4	2·5	—0·2
62·5	1st	66·5	22nd	57·6	1·7	5·7	—0·1
56·5	6th	65·2	28th	44·2	6·7	13·7	—0·1
50·8	6th	62·1	27th	38·2	8·0	16·9	0·2
45·0	31st	57·9	20th	37·1	9·7	15·9	1·7
58·3	...	74·7	...	31·8	5·4	20·1	—0·2
...	...	65·6	...	49·0	...	12·1	0·8

‡ On a woollen pad 3 inches above ground.

57. BULDANA (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January	45·8†	26th	56·6	23rd	28·9	13·2†	23·0	7·4
February	43·9‡	16th	53·1	9th	20·7	17·1‡	25·7	9·8
March	58·2§	25th	66·4	8th	46·9	11·8§	21·1	2·8
April	65·0†	14th	72·5	1st	52·0	11·6†	21·4	5·1
May	69·1	30th	75·3	4th	56·6	5·5	16·1	0·1
June	68·5	5th	72·2	18th	65·1	3·1	6·9	0·1
July	67·3	5th	70·1	18th	63·1	2·3	4·9	0·7
August	66·3‖	31st	69·1	26th	63·7	2·5‖	4·1	0·9
September	64·6	10th	70·4	23rd & 28th	59·6	3·8	9·4	0·2
October	56·3†	3rd	67·4	26th	42·8	10·6†	19·4	0·2
November	48·2	6th & 9th	67·0	27th	35·0	13·9	22·7	1·0
December	41·9	30th	62·6	21st	33·0	15·0	21·6	1·0
Year	57·9	...	75·3	...	20·7	9·2	25·7	0·1
Means of extremes	...	...	66·8	...	47·3	...	16·4	2·4

* On a woollen pad 2·5 inches above ground.
† Mean of 29 days.
‡ „ „ 27 „
§ Mean of 28 days.
‖ „ „ 30 „

58. AKOLA (*corrected*).¶

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January	43·8	13th	55·9	24th	28·8	10·7	16·1	4·6
February	38·7	28th	48·5	9th	20·5	12·9	17·3	6·5
March	53·4	24th	75·7	8th	36·5	12·8	16·6	3·2
April	63·0	18th	69·4	1st	52·4	10·9	14·2	3·9
May	75·3	30th	82·2	1st	64·8	4·9	12·2	0·7
June	73·9	3rd	79·8	13th	69·2	2·4	5·5	0·3
July	70·8	2nd	76·0	17th	65·8	2·0	4·8	0
August	70·9	20th	73·3	5th & 26th	68·0	1·7	4·7	0·1
September	67·6	2nd	72·9	29th	60·3	3·6	7·3	0
October	57·8	2nd	72·8	28th	42·3	6·6	11·5	0
November	49·0	6th	70·3	27th	34·3	8·5	13·5	0·9
December	40·8	31st	66·0	21st	29·7	8·9	11·6	0·6
Year	58·8	...	82·2	...	20·5	7·2	17·3	0
Means of extremes	...	...	70·2	...	47·7	...	11·3	1·7

¶ On a woollen pad 2·2 inches above ground.

59. AMRAOTI (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January	48·1	12th	60·9	22nd	34·3	8·7	14·3	2·2
February	47·1	28th	63·4	7th	31·8	10·3	16·8	2·1
March	57·1	20th	68·0	9th	44·7	10·8	15·5	4·6
April	66·3	22nd	77·2	4th	58·5	10·4	18·8	2·9
May	69·6	31st	78·6	4th	61·4	9·2	18·8	3·8
June	71·4	6th	75·1	20th	68·3	3·7	12·6	0·1
July	70·6†	2nd	73·9	16th	67·7	1·3†	3·5	—0·4
August	69·8	14th	71·9	26th	66·7	1·8	3·7	0
September	67·9	2nd	73·1	28th	60·9	2·9	8·0	—0·2
October	62·3	12th	70·9	26th	51·9	5·2	9·8	—0·3
November	56·9	6th	69·8	29th	48·2	5·2	10·8	1·0
December	48·8‡	2nd	53·5	20th	42·8	6·5‡	10·1	3·4
Year	61·3	...	78·6	...	31·8	6·3	18·8	—0·4
Means of extremes	...	...	69·7	...	53·1	...	11·9	1·6

* On a woollen pad 1·7 inches above ground.
† Mean of 30 days.
‡ „ „ 20 „

60. NEEMUCH (*corrected*).§

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January	40·7‖	12th	49·9	22nd	31·9	9·8‖	14·9	6·7
February	Imperfect.							
March	51·7	29th	67·2	7th	40·4	9·1	18·3	3·1
April	Imperfect.							
May	69·0¶	20th	75·1	9th	59·2	9·1¶	16·6	4·0
June	68·8	1st	73·4	5th	64·3	7·6	17·2	2·5
July	68·2	8th	72·4	16th, 18th & 23rd.	64·5	5·0	9·1	2·3
August	65·3	11th & 15th	69·0	17th, 20th & 27th.	60·4	7·0	14·7	1·8
September	58·8	1st & 15th	68·4	30th	46·1	11·3	23·9	2·4
October	50·0	8th	60·3	28th & 31st	41·4	14·1	23·5	7·1
November	43·3	9th	62·4	25th	31·3	12·1	18·1	0·9
December	33·4	29th	40·5	19th & 30th	29·8	16·1	28·0	9·9
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

§ On a woollen pad 2·5 inches above ground.
‖ Mean of 27 days.
¶ „ „ 22 „

61. NOWGONG (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	40·0†	13th	54·5	24th	27·8	9·0†	15·3	3·9
February	34·2	25th & 28th	44·6	9th & 10th	22·5	13·0	16·3	5·6
March	44·4‡	28th	56·5	7th	35·5	14·0‡	18·8	9·4
April	55·4§	29th	64·5	1st	37·0	13·7§	18·2	5·0
May	70·6‡	14th, 25th, 27th, 28th & 31st.	76·6	17th	59·5	11·6‡	18·7	6·6
June	76·7	12th	84·5	8th	69·6	7·2	20·2	1·7
July	74·3‡	1st	78·6	17th	68·6	3·0‡	5·6	1·0
August	73·7	14th	76·5	15th	70·5	2·6	5·2	0·1
September	69·5	12th	75·6	30th	61·5	4·4	7·4	0·6
October	57·3‡	12th	68·6	26th	44·6	7·0‡	11·3	1·2
November	44·9	7th	59·5	25th	33·5	8·3	12·4	0·7
December	38·3	31st	53·5	19th	33·5	9·3	11·9	4·7
Year	56·6	...	84·5	...	22·5	8·6	20·2	0·1
Means of extremes	...	...	66·1	...	47·0	...	13·4	3·4

* On a woollen pad 1½ inches above ground.
† Mean of 28 days.
‡ Mean of 30 days.
§ Mean of 29 days.

62. SUTNA (*corrected*).‖

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	43·0	13th	57·0	23rd	32·5	7·3	9·4	1·7
February	37·8	28th	47·6	10th	27·5	10·4	12·9	8·9
March	50·4	28th	61·8	7th	40·6	8·6	13·3	3·3
April	62·0	17th & 30th	68·4	1st	50·7	7·2	10·0	4·8
May	75·4‡	14th	84·1	5th	66·6	4·2‡	7·4	1·4
June	78·5	12th	86·1	22nd	72·4	3·2	6·8	1·0
July	74·8	1st	80·7	17th	71·2	1·1	3·6	0·5
August	74·1	20th	76·7	3rd	71·9	1·1	2·8	0·4
September	70·5	17th	75·3	27th	60·3	4·2	8·0	1·2
October	57·7	12th	69·9	27th	46·6	7·5	10·8	0·9
November	45·2	7th	61·3	23rd	34·5	9·0	13·7	3·1
December	38·2	31st	56·2	20th	32·0	9·6	12·5	4·7
Year	59·0	...	86·1	...	27·5	6·1	13·7	0·4
Means of extremes	...	...	68·8	...	50·6	...	9·3	2·7

‖ On a woollen pad 3 inches above ground.

63. INDORE (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	40·5	3rd	51·5	23rd	25·4	11·7	15·3	7·7
February	35·3	28th	46·8	9th	18·8	14·6	18·9	11·8
March	45·9	28th	59·9	7th	32·6	14·6	19·7	7·7
April	56·4	28th	67·5	1st	40·8	12·8	17·0	8·7
May	67·4	25th	73·8	17th	58·6	8·2	16·2	4·3
June	69·4	7th	73·6	5th	64·8	4·5	10·4	−0·9
July	69·9	8th	71·6	17th	65·7	1·6	4·5	0·3
August	68·0	6th	70·6	18th & 25th	64·8	2·7	7·0	0·4
September	63·8	1st	70·6	28th	51·8	5·4	14·2	0·6
October	52·9	12th	66·2	27th	38·6	10·1	14·5	2·8
November	43·2	11th	63·2	25th	31·6	11·4	15·6	1·1
December	37·5	31st	61·3	20th	30·7	12·7	16·3	1·8
Year	54·2	...	73·8	...	18·8	9·2	19·7	0·3
Means of extremes	...	...	64·7	..	43·7	...	14·1	4·0

* On a woollen pad 2·5 inches above ground.

64. BICKANEER (*corrected*).†

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	40·8	29th	53·6	8th	27·1	9·5	20·8	1·6
February	42·7	28th	56·2	9th	30·3	13·1	18·7	6·0
March	Untrustworthy.							
April	Ditto.							
May	78·0	31st	89·9	3rd	65·3	6·8	19·9	−0·5
June	80·9	10th	90·9	22nd	67·5	2·4	8·8	−0·5
July	80·6	1st to 3rd	85·4	4th	75·5	1·0	2·9	−0·2
August	77·9	23rd	82·0	29th	71·5	2·2	4·6	−0·3
September	74·1‡	2nd & 9th	80·4	30th	68·9	3·8‡	9·2	0
October	65·2§	7th	75·5	21st & 22nd	53·6	5·4§	11·4	0·2
November	Imperfect.							
December	40·4	9th	47·3	25th	30·4	13·3	18·8	8·4
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

† On a woollen pad 4 inches above ground.
‡ Mean of 29 days.
§ Mean of 22 days.

65. JEYPORE (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	40·9	4th	56·0	15th	26·8	8·2	12·6	2·6
February	38·6	28th	53·7	9th	24·0	11·1	15·1	6·7
March	48·3	13th	65·1	7th	36·9	11·5	16·0	4·9
April	59·9	30th	70·0	1st	43·4	9·7	14·0	5·0
May	71·2	6th	78·4	2nd	62·0	8·6	12·4	5·6
June	75·5	11th	84·7	5th	66·7	4·7	9·8	·0
July	74·1	3rd	80·8	20th	69·6	2·0	4·9	·0·1
August	72·3	14th	74·6	18th	70·1	1·7	4·4	—0·1
September	66·1	1st	75·0	28th	57·6	5·2	8·2	1·1
October	53·0	7th	70·8	25th	41·9	10·0	12·9	3·6
November	41·1	8th	56·9	25th	35·0	11·7	16·2	5·3
December	38·5	30th	51·3	31st	31·0	10·6	13·7	5·6
Year	56·6	...	84·7	...	24·0	7·9	16·2	—0·1
Means of extremes	...	...	68·1	...	47·1	...	11·7	3·4

* On a woollen pad 1 inch above ground.

66. SAMBHAR (*corrected*).†

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	38·6	4th	50·9	16th	25·3	7·5	15·0	0·9
February	38·0	28th	58·7	8th & 9th	23·9	9·5	14·0	5·6
March	48·9	27th	69·7	7th	37·1	8·6	13·5	3·3
April	Imperfect.							
May	Not recorded.							
June	76·5‡	10th	83·6	13th	68·8	4·3‡	7·5	0·9
July	72·8	3rd	82·9	21st	69·1	4·4	6·8	2·0
August	68·8	20th	72·4	9th	60·7	6·3	12·0	4·2
September	65·8	1st	70·2	20th	59·7	8·2	11·4	4·2
October	54·6	7th	71·6	28th	43·2	8·5	12·5	4·6
November	41·4	8th	55·2	26th	33·4	9·6	14·4	2·9
December	38·5	24th	50·3	17th	33·6	8·2	11·9	2·8
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

† On a woollen pad 2 inches above ground.
‡ Mean of 21 days.

67. AJMERE (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	36·6	25th	48·9	22nd	26·0	10·0	13·8	4·9
February	36·1	28th	63·8	8th & 9th	21·0	11·7	16·9	8·8
March	48·7	2nd	65·8	30th	33·0	12·0	19·2	5·8
April	59·9	29th	79·3	1st	44·9	9·5	14·8	4·7
May	75·0	10th, 11th & 30th.	81·8	1st & 29th	60·8	7·2	20·2	1·7
June	76·0	5th & 6th	81·8	15th	66·8	4·6	10·7	0·8
July	72·9	3rd	79·8	14th	69·8	2·5	4·8	0·8
August	71·8	13th	73·8	9th, 18th & 28th.	70·3	2·1	4·3	0·3
September	67·8	16th	74·3	30th	63·3	5·1	9·8	0·8
October	52·8	7th	66·8	25th	40·9	7·6	11·8	1·9
November	40·3	6th	47·9	14th & 15th	33·5	8·7	11·9	6·8
December	36·9	23rd	45·9	18th	33·0	8·5	11·3	6·4
Year	56·3	...	81·8	...	21·0	7·5	20·2	0·3
Means of extremes	...	...	67·5	...	46·9	...	12·5	3·6

* On a woollen pad 2½ inches above ground.

68. MOUNT ABU (*corrected*).†

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	35·6	25th & 28th	49·3	15th	21·1	14·6‡	22·9	3·6
February	Imperfect.							
March	46·7	27th	61·3	7th	36·4	15·4‡	26·9	4·1
April	57·7	27th	68·1	2nd	46·7	12·1	19·3	4·1
May	66·3	27th	76·4	10th	58·2	5·6	12·6	3·0
June	65·3	9th	69·5	4th	60·2	2·1	6·8	—0·2
July	64·9	4th	67·3	20th	61·2	0·4	3·1	—0·4
August	63·7	13th	65·4	6th	61·8	0·6	3·2	—0·2
September	59·0	16th	66·2	29th	52·2	4·7	8·7	0·1
October	51·7	13th	62·0	31st	41·9	12·5	19·4	4·3
November	41·8	9th	51·6	25th	33·0	17·1	22·1	9·1
December	37·6	23rd & 30th	45·6	31st	31·8	15·8	21·5	8·8
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

† On a woollen pad 4 inches above ground.
‡ Mean of 30 days.

69. PACHPADRA (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January	39·9†	19th	51·1	22nd	29·9	5·3†	9·4	1·7
February	41·0	26th	56·2	6th	23·0	6·2	9·4	3·7
March	52·8	27th	68·3	5th	39·6	5·6	10·2	1·9
April	64·0	14th	72·5	1st	47·2	6·0	10·2	2·6
May	74·7	10th	78·5	1st	65·1	3·7	9·3	0·5
June	76·0	9th	79·2	7th	71·6	5·5	9·8	0·8
July	75·7	9th	77·1	7th	70·9	2·7	8·3	1·0
August	74·6	20th	75·8	11th	72·8	2·5	5·1	0·5
September	71·2‡	15th	76·4	28th	63·4	3·9‡	8·9	1·3
October	58·6	1st	69·8	30th	48·2	7·4	13·0	2·2
November	45·1	8th	54·2	26th	36·9	9·8	14·8	3·9
December	41·1	30th	50·4	25th	34·0	8·1	11·7	4·2
Year	59 6	...	79·2	...	23·0	5·6	14·8	0·5
Means of extremes	...	...	67·5	...	50·2	...	10·6	2·0

* On a woollen pad 3 inches above ground.
† Mean of 30 days.
‡ „ „ 29 „

70. JACOBABAD (*corrected*).§

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January	33·6	12th	50·5	7th	23·2	8·5	13·7	1·1
February	37·4	14th	50·5	7th	16·1	9·7	15·3	4·5
March	46·1	2nd	57·7	5th & 16th	31·5	11·0	17·2	4·3
April	61·5	28th	73·5	21st	46·6	8·4	13·7	5·2
May	68·3	7th	82·5	18th	57·5	9·9	13·2	3·6
June	79·7	10th	87·7	3rd	62·7	4·8	12·0	0·8
July	8[illegible]	17th	90·3	20th	79·2	2·3	4·4	0·4
August	78·1	4th	84·7	28th	73·9	3·6	6·0	0·9
September	67·2	1st	79·5	16th	58·1	6·7	12·6	3·1
October	54·3	5th	66·7	24th	43·3	8·7	13·0	3·3
November	40·1	1st	47·8	29th	35·7	9·4	11·9	7·0
December	35·2	19th & 22nd	45·9	28th	21·9	8·8	12·8	6·6
Year	57·1	...	90·3	...	16·1	7·7	17·2	0·4
Means of extremes	...	...	68·1	...	45·8	...	12·1	3·4

§ On a woollen pad 2·5 inches above ground.

71. HYDERABAD (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January	39·8	24th	57·0	15th	27·4	10·9	18·5	2·3
February	45·0	28th	62·6	7th	23·9	10·3	20·0	3·5
March	53·4	28th	64·6	6th	42·0	10·4	18·2	4·5
April	63·8	29th	74·3	2nd	48·9	7·9	13·7	3·8
May	74·6	27th	81·7	1st	66·9	4·2	12·1	2·1
June	78·1	9th	83·0	8th	72·2	5·8	10·8	1·2
July	78 1	5th	81·4	24th	74·5	2·3	4·5	0·5
August	74·9	3rd	78·8	16th	71·4	3·3	6·8	0·5
September	73·0	3rd	76·1	26th	68·6	1·9	4·6	—0·3
October	60·3	4th	69·8	26th	49·9	10·0	19·7	2·9
November	50·7	1st	61·9	18th & 28th	46·4	9·5	15·9	2·9
December	46·0	7th	54·4	26th	38·6	7·9	11·8	4·9
Year	61·5	...	83·0	...	23·9	7·0	20·0	—0·3
Means of extremes	...	...	70·5	...	52·6	...	13·1	2·4

* On a woollen pad 3 inches above ground.

72. KURRACHEE (*corrected*).†

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January	48·6	30th	64·2	14th	33·6	6·3	11·7	1·8
February	51·0	28th	67·9	7th	33 7	7·3	13·2	3·0
March	56·4	2nd	66·9	6th	44·8	8·9	15·0	4·0
April	65·7	12th	72·2	2nd	56·2	7·1	12·3	3·2
May	Imperfect.							
June	79·9	21st	82·3	8th	76·3	2·0	3·7	0·6
July	79·0	8th	81·9	18th	75·5	1·0	1·9	0·4
August	76·3	4th	78·4	16th & 19th	74·1	1·3	2·7	0 1
September	72·5	1st	76·5	24th	68·2	3·0	6·1	0·4
October	61·9	4th	75·4	20th & 28th	50·9	7·7	13·2	1·8
November	52·5	16th	61·0	28th	45·3	9·3	12·2	1·3
December	47·7	17th	54·6	26th	38·3	8·4	11·2	4·7
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

† On a woollen pad 2·5 inches above ground.

73. BHUJ (*corrected*).*

Months.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	o	Day.	o	Mean.	Maximum.	Minimum.
January	41·7	25th	58·8	22nd	29·3	11·6	15·0	6·2
February	42·9	16th	52·4	8th	26·6	13·2	17·7	9·1
March	52·5	28th	65·6	30th	43·6	11·6	18·1	5·2
April	62·4	28th	69·6	1st	50·3	7·8	12·2	4·0
May	72·8	10th	76·4	1st	67·1	3·7	8·2	1·9
June	76·3	17th	79·1	6th	73·4	2·4	3·9	0
July	75·0	8th	78·8	22nd	72·4	1·8	3·6	—0·1
August	73·1	24th	74·4	30th	71·3	1·9	3·3	0·8
September	68·8	15th	75·1	25th	62·1	4·4	7·8	1·7
October	60·4	13th	69·1	29th	52·6	9·4	14·7	4·8
November	53·0	11th	62·8	27th & 30th	45·5	10·6	12·9	7·4
December	47·2	19th	52·6	26th	41·3	10·1	13·6	6·3
Year	60·5	...	79·1	...	26·6	7·4	18·1	—0·1
Means of extremes	...	...	67·9	...	53·0	...	10·9	3·9

74. RAJKOT (*corrected*).*

Months.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	o	Day.	o	Mean.	Maximum.	Minimum.
January	Not recorded.							
February								
March								
April								
May								
June								
July								
August								
September								
October								
November	49·4†	9th	66·9	24th	37·7	12·2†	18·4	4·3
December	42·5	29th	58·5	13th	35·3	12·1	15·7	4·0
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

* On a woollen pad 2·5 inches above ground. † Mean of 29 days.

75. DEESA (*corrected*).*

Months.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	o	Day.	o	Mean.	Maximum.	Minimum.
January	43·2	13th	53·9	21st	32·5	8·7	17·2	2·1
February	41·4	16th	58·3	8th	22·9	11·0	15·3	6·6
March	49·3	28th	66·4	30th	35·8	11·8	16·4	5·4
April	60·2	20th	68·4	1st	46·4	11·5	15·3	8·2
May	71·2	10th	78·2	2nd	64·2	5·9	11·7	1·5
June	76·8	8th	83·4	10th & 27th	71·4	2·9	6·6	—0·3
July	75·5	5th	81·1	19th	71·5	1·2	3·8	—0·5
August	72·9	12th	74·6	21st	68·7	2·0	5·3	0·2
September	66·1	15th	74·8	24th	57·8	5·8	10·1	1·6
October	55·3	3rd	65·0	30th	45·7	10·0	13·1	4·8
November	48·8	11th	62·6	24th	38·9	9·5	14·0	5·9
December	44·4	30th	56·8	21st	38·6	9·7	12·9	7·0
Year	58·8	...	83·4	...	22·9	7·5	17·2	—0·5
Means of extremes	...	...	68·6	...	49·5	...	11·8	3·5

76. MALEGAON (*corrected*).†

Months.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	o	Day.	o	Mean.	Maximum.	Minimum.
January	43·6	4th	52·3	22nd	29·0	7·3	12·1	3·4
February	43·6	17th	55·2	9th	25·0	8·8	12·5	7·1
March	52·5	24th	60·2	8th	44·9	10·3	14·4	7·8
April	63·9	13th	71·3	1st	56·3	8·9	13·0	5·9
May	68·7	26th	75·1	18th	62·8	5·3	9·7	2·5
June	70·5	7th	73·6	28th	67·6	3·2	6·4	0·8
July	69·2	3rd	71·2	20th	65·1	2·9	4·6	1·3
August	68·0	11th	70·4	13th & 30th	65·2	3·1	4·6	1·0
September	65·3	9th	71·1	22nd	59·2	4·0	7·2	1·2
October	59·3	4th	70·5	31st	44·7	5·7	10·3	1·5
November	51·0	8th	66·6	26th	36·1	6·5	10·4	0·7
December	43·6	31st	64·2	1st	36·3	7·3	11·6	2·2
Year	58·3	...	75·1	...	25·0	6·1	14·4	0·7
Means of extremes	...	...	66·8	...	49·4	...	9·7	3·0

* On a pad on the ground. † On a woollen pad 3 inches above ground.

77. BOMBAY (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January	55·7	4th	61·8	22nd	45·9	10·7	15·5	6·9
February	56·2	19th	62·5	9th	41·9	10·5	14·0	4·9
March	62·4	24th, 25th, 29th, & 30th.	67·9	7th	57·1	10·0	12·9	6·1
April	67·8	22nd	74·2	1st	62·7	8·2	10·8	5·6
May	76·5	30th	79·1	1st	74·0	4·2	7·0	1·4
June	75·0	2nd	78·2	11th	70·7	2·6	5·1	0·4
July	74·4	17th & 21st	77·2	26th	72·9	1·8	4·8	0·1
August	73·5	24th	74·9	12th	71·7	2·2	4·3	0.5
September	72·4	9th	75·1	26th	69·4	3·1	5·6	0·5
October	69·8	7th	76·0	28th & 29th	63·0	6·6	12·7	2·4
November	65·5	8th	73·7	30th	55·2	8·3	12·8	1·8
December	59·1	30th	69·2	22nd	53·0	11·0	14·4	4·2
Year	67·4	...	79·1	...	41·9	6·6	15·5	0·1
Means of extremes	...	...	72·5	...	61·5	...	10·0	2·9

* On grass 2 inches above ground.

78. SHOLAPUR (*corrected*.)†

Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
50·1	11th & 16th	57·1	24th	39·2	7·1	12·0	3·7
49·0	24th	56·2	9th	37·9	9·7‡	19·1	4·5
59·0	25th	75·1	9th	47·4	7·8	12 2	3·4
67·1§	24th	71·6	3rd & 16th	60·9	7·0§	11·6	3·5
Not recorded.							
Ditto.							
Ditto.							
Ditto.							
Ditto.							
Ditto.							
Ditto.							
Ditto.							
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...

† On a woollen pad 2 inches above ground.
‡ Mean of 27 days.
§ „ „ 21 „

79. RATNAGIRI (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January	56·1	4th	61·7	22nd	49·9	8·8	14·2	5·7
February	56·4	24th	63·4	6th	47·6	9·1	12·3	5·6
March	62·4	25th	73·8	10th	56·1	9·0	14·7	4·1
April	69·7	26th	74·9	3rd	63·6	5·8	9·4	2·7
May	73·9	4th	76·8	7th	68·5	4·4	7·1	2·3
June	72·5	3rd	76·7	12th	68·3	2·6	4·8	0·4
July	72·8	18th	74·5	6th	70·3	2·2	4·9	0·9
August	71·7	1st	74·6	7th & 28th	70·3	2·5	3·5	0·9
September	70·4	7th	73·0	22nd	66·9	2·8	6·2	0·4
October	69·3	11th	73·8	31st	55·0	4·7	9·2	0·6
November	63·7	5th	72·8	28th & 30th	53·1	7·0	15·9	1·4
December	56·3	30th	65·9	21st	47·1	10·7	16·7	6·9
Year	66·3	...	76·8	...	47·1	5·8	16·7	0·4
Means of extremes	...	...	71·8	...	59·7	...	9·9	2·7

* On a woollen pad 3 inches above ground.

80. BELGAUM (*corrected*).†

Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
45·9	17th	51·4	22nd	36·6	10·6‡	16·6	6·9
47·5	19th	55·5	5th	39·6	11·9	15·8	7·8
53·5	25th	64·6	9th	47 8	9·2	16·8	0·9
59·4	23rd & 28th	65·8	1st	50·3	7·2	13·1	2·7
62·6	30th	68 3	7th	55 3	4·5	7·0	1·5
64·6	4th	68·7	30th	59·3	2·0	5·7	0
64·7	3rd & 9th	66·4	31st	61·6	1·5	3·4	—0·2
63·2	5th	65·4	26th	59·1	2·2	4·6	0·4
62·0	10th	67·5	24th	55·1	2·5	6·3	—0·6
61·0	10th	67·2	31st	49·1	4·1	10·6	—0·1
55·9	5th	66·7	29th	40·6	6·7	14·2	0·2
49·3	27th	64·5	21st	34·2	8·9	15·9	—0·3
57·5	...	68·7	...	34·2	5·9	16·8	—0·6
...	...	64·3	...	49·1	...	10·8	1·6

† On a woollen pad of country blanket on the ground.
‡ Mean of 29 days.

81. KARWAR (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	58·3	10th	63·4	2nd & 22nd	54·4	5·7	11·9	1·1
February	58·4	28th	66·1	17th	54·7	5·9	8·8	2·9
March	65·7	25th	73·1	17th	57·9	5·7	8·9	3·8
April	69·2	21st	76·0	1st	61·4	6·5	11·7	4·1
May	72·6	29th	76·0	1st	62·3	5·6	10·5	0·3
June	71·7	2nd	75·0	13th	68·4	2·3	4·7	0·6
July	70·2	1st	73·1	14th	68·2	3·8	7·3	0·7
August	68·2	14th	70·1	8th & 25th	66·2	4·9	6·7	2·7
September	67·8	16th	70·3	27th	64·3	4·5	6·8	1·5
October	68·2	8th & 14th	72·1	31st	60·4	4·1	9·6	1·0
November	66·5	8th	73·1	29th	53·9	4·1	8·6	1·7
December	61·3	28th	70·1	21st	50·9	5·6	9·4	3·7
Year	66·5	...	76·0	...	50·9	4·9	11·9	0·3
Means of extremes	...	...	71·5	...	60·3	...	8·7	2·0

* On a woollen pad 3·5 inches above ground.

82. VIZAGAPATAM (*corrected*).†

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	58·7	22nd	67·4	25th	53·2	13·0	17·6	9·1
February	58·9	28th	65·9	16th	52·2	15·3	20·9	11·8
March	69·4	31st	80·9	6th	62·4	10·9	15·6	2·4
April	72·6	24th	78·9	5th	67·4	10·1	12·9	5·9
May	78·3	27th	84·9	5th	68·3	8·5	14·9	2·6
June	74·6	5th	82·9	1st	71·9	7·3	14·6	3·3
July	75·4	28th	78·4	2nd & 15th	71·9	6·4	11·1	3·6
August	75·8	4th	78·9	8th & 9th	72·9	7·5	10·3	3·6
September	74·9	15th	78·4	28th	71·4	8·3	12·1	6·1
October	Imperfect.							
November	Ditto.							
December	57·7	26th	67·0	19th	50·5	13·4	19·0	7·0
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

† On a stand similar to that of solar radiation 1 foot above ground from July.

83. RAJAHMUNDRY (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	59·8	22nd	65·0	23rd	53·0	5·2	8·5	3·8
February	60·7†	11th & 13th	64·0	1st	53·7	6·1†	10·1	3·0
March	Not recorded.							
April	Ditto.							
May	Ditto.							
June	Ditto.							
July	Ditto.							
August	Ditto.							
September	Ditto.							
October	Ditto.							
November	Ditto.							
December	Ditto.							
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

* On a woollen pad 3 inches above ground. † Mean of 23 days.

84. MASULIPATAM (*corrected*).

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	62·0	11th & 22nd	65·8	23rd	57·0	4·0	8·5	2·1
February	63·0	8th	66·3	16th	56·7	3·3	6·0	0·6
March	67·5	26th	75·2	5th	63·0	4·5	7·0	3·2
April	72·3	30th	77·6	6th	68·2	3·4	5·1	0·6
May	79·7	17th	85·3	13th	73·5	3·0	6·1	1·3
June	76·5	4th	81·7	29th	70·2	2·6	4·3	1·2
July	74·3	18th	78·3	13th & 15th	71·6	2·7	5·2	1·3
August	73·6	27th	75·7	19th	69·7	2·7	4·1	0·7
September	73·0	14th	76·6	29th & 30th	68·7	3·8	7·1	1·7
October	71·4	14th	75·4	31st	66·7	3·9	6·2	1·8
November	67·0	5th	73·5	16th	56·7	3·9	7·5	1·7
December	60·6	7th & 8th	67·7	21st	54·6	4·3	8·4	1·6
Year	70·1	...	85·3	...	54·6	3·5	8·5	0·6
Means of extremes	...	...	74·9	...	64·7	...	6·3	1·5

85. SECUNDERABAD.

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	54·6	10th	60·0	24th	46·1	4·4	6·0	2·3
February	56·9	23rd	62·7	2nd	48·4	4·6	6·2	2·4
March	65·9	25th	75·8	8th	58·8	3·8	5·4	1·8
April	71·3	22nd	79·9	3rd	63·9	3·3	5·7	2·0
May	77·0	29th	81·7	7th	69·5	1·5	4·1	0·1
June	72·4	2nd	78·6	13th	68·4	1·0	1·9	0
July	69·8	2nd	74·2	17th & 18th	67·1	1·3	2·2	0·5
August	69·8	1st	73·1	11th	67·6	1·2	2·8	0
September	69·0	11th	71·9	23rd	64·9	1·8	4·6	0·2
October	65·6	16th	71·8	20th	58·5	3·5	8·8	0·5
November	59·8	4th	69·3	28th	44·4	4·1	7·2	1·1
December	52·4	29th	63·0	21st	42·4	5·1	7·3	1·2
Year	65·4	...	81·7	...	42·4	3·0	8·8	0
Means of extremes	...	...	71·8	...	58·3	...	5·2	1·0

86. KURNOOL (*corrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	53·5	21st	58·6	17th	42·9	5·0	17·4	1·8
February	58·7	12th	62·4	19th	51·0	5·2	10·2	3·9
March	66·0	25th	77·0	8th	59·7	5·2	11·0	3·1
April	72·5*	23rd	79·7	6th	65·6	4·7*	11·1	0
May	76·2	27th	81·2	5th & 6th	68·8	2·7	5·5	0·7
June	71·6	2nd	76·9	12th	67·3	2·8	4·2	1·1
July	69·8	19th & 21st	72·8	18th	66·3	3·1	5·1	1·6
August	69·4	2nd	71·8	6th	66·3	3·3	8·3	1·6
September	69·3	28th	72·2	24th	65·8	3·8	6·6	2·5
October	65·5	7th	72·8	20th	58·2	5·9	8·1	2·4
November	59·7	4th	69·8	16th	44·2	5·9	9·0	0·8
December	54·0	8th	68·5	18th	45·4	6·3	11·7	0·8
Year	65·5	...	81·2	...	42·9	4·5	17·4	0
Means of extremes	...	...	72·0	...	58·5	...	9·0	1·7

* Mean of 29 days.

87. BELLARY (*corrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	50·4	22nd	55·9	24th	44·9	11·0	15·9	7·0
February	50·5	12th	57·3	15th	44·7	12·5*	16·0	8·1
March	63·1	26th	73·6	4th	54·8	8·8	14·9	3·3
April	69·6	23rd	78·0	6th	61·1	7·0	11·5	1·5
May	71·5	11th, 16th and 24th.	74·7	7th	63·7	3·9	8·5	1·4
June				Imperfect.				
July				Ditto.				
August	68·7	5th	71·7	26th	64·4	3·2	6·1	1·3
September	69·3	4th	72·2	14th	62·3	3·0	7·5	0·7
October	64·8	7th	72·0	20th	54·4	5·5	10·2	0·8
November	58·8	4th	70·2	29th	42·2	7·4	14·3	1·4
December	51·9	28th	64·4	18th	42·6	9·4	21·2	1·P
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

* Mean of 27 days.

88. MANGALORE (*corrected*).†

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	64·3	9th	67·1	3rd	60·5	4·9	7·7	2·8
February	63·6	26th	68·1	17th	53·9	6·7	14·5	3·3
March	71·5	19th	74·6	21st	69·1	4·4	11·6	2·0
April	73·4	22nd, 23rd and 26th.	77·4	16th	68·5	4·2	6·1	1·9
May	74·8	29th	77·8	1st	72·4	2·7	6·4	0·6
June	72·3	1st	76·4	24th	69·7	1·3	3·7	0
July	72·1	16th	73·9	3rd	69·9	1·2	2·8	0·3
August	72·0	19th	73·7	4th	68·9	1·6	3·9	0·2
September	70·1	6th	73·4	28th	65·8	2·6	5·9	0·1
October	71·3	13th	74·3	1st	67·3	2·2	6·1	—0·3
November	70·3	9th & 16th	73·6	30th	60·7	3·3	8·3	0·2
December	66·7	9th	72·4	19th & 20th	59·7	4·6	7·7	1·8
Year	70·2	...	77·8	...	53·9	3·3	14·5	—0·3
Means of extremes	...	...	73·6	...	65·5	..	7·1	1·1

† On a woollen pad up to April and from May 2·5 inches above ground.

89. BANGALORE.*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	53·1	24th	58·2	9th	46·7	4·5	8·0	2·0
February	51·4	12th	56·4	21st	46·7	5·7	8·6	3·2
March	57·1	16th	61·6	5th	52·3	8·0	10·6	5·9
April	62·4	23rd	64·6	14th	60·4	6·7	10·0	4·1
May	62·4	16th & 26th	64·3	31st	57·7	5·1	7·5	3·5
June	62·0	25th	63·6	12th	60·4	4·1	6·5	2·8
July	61·6	20th & 25th	62·5	3rd	60·2	3·2	5·5	2·1
August	62·1	13th & 25th	63·3	4th	60·4	3·5	4·7	1·2
September	60·9	24th	63·5	18th	57·9	3·5	5·2	2·6
October	60·9	1st & 7th	62·7	10th	57·7	4·0	5·2	2·8
November	58·6	6th	62·0	18th	51·7	4·1	9·4	2·7
December	55·2	7th & 9th	60·4	19th	48·2	4·2	8·3	2·1
Year	59·0	...	64·6	...	46·7	4·7	10·6	1·8
Means of extremes	...	...	61·9	...	55·0	...	7·5	3·0

* On the same uprights as the sun thermometer, 3 inches above ground.

90. CUDDAPAH (*corrected*).†

Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
	Day.	°	Day.	°	Mean.	Maximum.	Minimum.
59·1	21st	64·4	7th	55·5	5·7	8·4	3·4
59·1	11th	65·0	16th	52·0	6·7	13·2	3·3
69·6	26th	77·5	5th	61·9	6·0	10·3	4·0
74·4	30th	81·7	2nd	69·7	4·9	7·8	2·5
79·2	18th	84·7	5th	69·5	3·7	7·8	1·4
74·6	6th	80·5	24th	68·7	3·2	7·4	1·1
Imperfect.							
73·5	3rd	79·3	7th	70·2	2·0	4·2	0·6
73·3	19th	75·3	7th, 14th, 15th & 29th.	71·6	2·0	3·2	0·8
72·0	6th	76·9	19th	66·8	2·1	4·5	0·8
Imperfect.							
Not recorded.							
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...

† On a woollen pad.

91. MADRAS.*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	63·4	3rd	71·1	26th	59·0	3·5	5·4	1·7
February	62·4	28th	69·4	22nd	57·0	3·5	5·1	1·2
March	68·8	28th	78·3	6th	62·4	2·8	7·1	0·6
April	74·1	29th	80·7	17th	68·2	2·5	10·4	0·5
May	81·0	25th	85·6	5th	71·9	1·4	5·1	0·3
June	78·2	6th	83·6	21st	73·7	1·2	3·5	0·2
July	76 8	25th	81·4	20th	67·8	2·0	7·2	0·2
August	75·4	5th	79·4	9th	72·7	1·6	5·9	0
September	75·1	20th	79·0	26th & 29th	71·8	1·4	3·6	0
October	73·8	2nd & 6th	76·7	19th	69·9	1·6	3·5	0
November	71·2	27th	74·2	29th	62·8	1·8	3·7	0·1
December	69·0	10th	73·7	15th	62·7	2·2	4·4	0·2
Year	72·4	...	85·6	...	73·7	2·1	10·4	0
Means of extremes	...	...	77·8	...	66·7	...	5·4	0·4

* On ground.

92. SALEM.

Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
	Day.	°	Day.	°	Mean.	Maximum.	Minimum.
60·1	23rd	68·5	27th	55·7	2·8	3·8	2·0
59·8	10th	65·6	17th	52·5	2·8	4·1	1·7
66·2	28th & 30th	71·5	6th	56·4	2·7	4·3	1·5
70·4	23rd	74·5	2nd	61·5	2·6	3·4	1·9
70·3	14th	73·5	5th	66·5	2·4	3·3	1·8
67·7	2nd	72·1	8th & 14th	65·4	2·5	3·4	2·0
67·3	23rd	70·4	12th	64·2	2·4	3·6	1·8
67·4	4th	71·3	26th	62·3	2·4	3·1	1·9
66·3	24th	69·7	17th	63·3	2·4	4·0	1·9
65·2	2nd	71·4	21st & 27th	61·4	2 5	3·2	1·9
62·8	2nd	67·1	30th	55·9	2·8	4·7	2·0
60·7	8th	65·5	4th	52·5	3·0	4·2	2·2
65·4	...	74·5	...	52·5	2·6	4·7	1·5
...	...	70·1	...	59·8	...	3·8	1·9

93. WELLINGTON.

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	34·5	2nd	45·3	10th	24·5	11·4	16·3	2·8
February	35·5	11th	49·5	16th	28·3	10·8	15·6	2·0
March	42·7	23rd	56·3	5th	32·2	10·0	15·1	0·1
April	48·8	29th	55·9	15th	43 2	6·7	10·5	1·2
May	49·6	29th	56·3	8th	41·1	7·2	17·4	2·5
June	52·1	10th	58·0	23rd	44·3	5·3	11·9	1·9
July	52·1	24th	56·6	17th	44·2	5·6	10·3	1·8
August	49·7	15th	56·2	7th	41·2	6·4	11·7	2·1
September	49·6	4th & 5th	58·3	30th	40·5	5·1	9·6	1·1
October	51·3	15th	57·8	1st	40·2	4·0	9·2	0·2
November	48·5	12th	57·8	30th	29·5	5·1	12·8	—0·3
December	46 8	9th	55·8	4th	28·4	3·7	10·3	—0·7
Year	46·8	...	58·3	...	24·5	6·8	17·4	—0·7
Means of extremes	...	...	55·3	...	36·5	...	12·6	1·2

94. CALICUT (*corrected*).*

Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
	Day.	°	Day.	°	Mean.	Maximum.	Minimum.
Not recorded.							
Ditto.							
Ditto.							
Ditto.							
Ditto.							
Ditto.							
Imperfect.							
72·2	22nd	74·0	1st	69·8	1·6	3·7	0·5
70·9	8th	73·2	28th	66·0	1·8	4 2	0
Imperfect.							
Ditto.							
67·5	10th	71·2	2nd	62·0	3·3	5·2	1·9
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...

* On a woollen pad on ground.

95. COIMBATORE (*corrected*).

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°*	Day.	°	Mean.	Maximum.	Minimum.
January	58·3	24th	56·2	9th	50·0	5·7	9·1	3·9
February	56·2	11th	63·8	17th	47·0	7·1	12·6	3·9
March	64·2	20th	71·2	6th	53·2	5·9	17·4	1·5
April	68·7	16th	72·2	6th	65·0	5·0	10·4	2·9
May	68·1	21st	71·6	3rd	64·6	3·7	9·2	0·7
June	66·9	2nd	70·3	11th	64·5	3·4	5·5	1·7
July	66·4	2nd	68·7	18th	63·4	3·5	6·3	1·4
August	67·2	24th	70·0	4th	63·5	3·3	5·2	0·9
September	65·4	11th	69·0	29th & 30th	61·0	3·8	6·1	1·7
October	65·9	9th	69·2	1st	5·66	4·2	7·0	1·1
November	64·9	12th	68·6	30th	58·2	5·4	9·5	2·3
December	61·4	9th	66·5	1st	55·3	5·7	11·0	2·0
Year	64·5	...	72·2	...	47·0	4·7	17·4	0·7
Means of extremes	...	...	68·9	...	58·5	...	9·1	2·0

96. TRICHINOPOLY (*corrected*).

Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
	Day.	°	Day.	°	Mean.	Maximum.	Minimum.
64·0	23rd	70·9	8th	58·4	3·3	7·6	1·5
63·3	10th	70·9	21st	57·1	4·0	5·9	2·2
69·3	31st	75·7	6th	59·1	3·0	5·0	0
75·3	28th	79·4	30th	71·7	2·0	3·0	0·8
76·5	21st	81·3	5th	72·2	2·3	5·0	0·8
75·4	15th	78·2	11th	71·0	1·8	4·6	0·2
75·2	21st	77·3	9th	72·6	2·3	4·1	0·2
74·1	21st	77·8	26th	69·8	1·9	4·4	0·5
73·1	10th & 16th	75·3	28th	70·3	2·6	3·8	1·7
70·2	2nd	73·0	27th	63·9	3·5	9·3	1·2
68·5	10th	71·9	30th	61·7	3·4	6·5	0·7
65·9	10th	70·8	15th	60·3	4·5	11·8	0·8
70·9	...	81·3	...	57·1	2·9	11·8	0
...	...	75·2	...	65·7	...	5·9	0·9

97. NEGAPATAM (*corrected*).

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	65·9	17th	70·9	27th	58·2	4·5	7·8	2·0
February	65·5	9th	71·8	1st	59·2	5·5	9·4	2·8
March	67·8	28th	75·7	6th	57·0	5·8	10·0	2·2
April	72·7	1st & 6th	74·8	30th	68·9	4·8	7·6	2·0
May	73·1	20th	75·8	5th	69·8	6·0	8·8	2·3
June	71·6	1st	75·1	15th	66·9	5·2	7·9	1·4
July	70·8	1st	72·7	16th	67·8	6·2	7·5	2·4
August	71·5	25th	74·7	5th	68·9	5·1	7·6	2·4
September	71·3	24th	74·8	15th	68·7	5·0	7·7	1·4
October	71·3	12th	73·7	2nd	68·2	3·0	6·5	1·3
November	70·5	11th	72·9	30th	64·7	3·3	6·8	1·0
December	69·3	27th	72·9	4th	63·9	3·0	6·0	1·1
Year	70·1	...	75·8	...	57·0	4·8	10·0	1·0
Means of extremes	...	...	73·8	...	65·2	...	7·8	1·9

98. MADURA (*corrected*).

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	59·8	24th	69·4	8th	53·0	8·0	11·1	4·2
February	60·3	9th	69·7	7th	54·9	8·0	11·2	3·5
March	63·5	31st	71·1	6th	52·3	8·3	12·2	3·4
April	69·7	28th	74·5	12th	64·1	6·9	10·1	3·2
May	71·3	26th	76·7	2nd	66·0	6·6	11·4	4·8
June	70·5	14th	74·5	13th	67·8	5·4	6·9	2·0
July	71·3	24th & 28th	74·7	17th	65·9	5·6	8·5	3·6
August	69·7	3rd & 25th	72·9	11th & 26th	66·8	5·8	7·5	3·3
September	69·7	23rd	74·7	17th	64·8	5·6	8·4	3·1
October	68·7	4th	71·2	12th	64·8	4·5	6·7	2·3
November	67·2	18th	70·7	30th	61·8	5·5	7·9	2·3
December	65·7	7th	70·3	4th	58·1	5·4	10·0	1·8
Year	67·3	...	76·7	...	52·3	6·3	12·2	1·8
Means of extremes	...	..	72·5	...	61·7	...	9·3	3·1

99. COCHIN (*corrected*).

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	68·1	29th	71·7	6th & 9th	64·9	4·0	6·4	2·5
February	67·6	25th	73·4	17th	56·2	4·3	17·8?	2·4
March	73·7	27th & 28th	76·9	8th	70·9	2·6	3·9	1·2
April	75·0	22nd & 27th	79·2	29th	70·0	2·4	3·9	0·8
May	74·2	11th	77·9	23rd	70·8	2·1	4·6	0·8
June	71·4	1st	75·8	12th	69·9	1·3	2·5	0·1
July	71·2	13th	74·8	7th	67·1	2·0	6·2	0·6
August	72·1	25th	74·4	5th	70·1	2·1	3·6	0·3
September	70·8	7th	74·7	28th	65·6	2·7	5·6	0·5
October	71·8	16th	74·2	1st	67·0	1·9	3·7	0·7
November	71·6	10th	75·0	14th	68·0	2·6	4·6	1·1
December	69·7	9th	73·0	5th	64·9	3·4	5·9	1·9
Year	71·4	...	79·2	...	56·2	2·6	17·8?	0·1
Means of extremes	...	...	75·1	...	67·1	...	5·7	1·1

100. MANDALAY (*corrected*).

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	50·2*	10th	52·4	3rd	41·9	7·1*	11·4	3·3
February	Not recorded.							
March	Ditto.							
April	Imperfect.							
May	75·1	8th	82·8	5th & 10th	68·8	3·6	7·8	1·4
June	75·2	30th	79·0	20th	71·8	3·4	5·2	1·6
July	74·2	1st	79·0	22nd	71·2	3·5	7·9	1·2
August	73·2	18th	76·8	23rd	69·2	3·4	5·7	1·2
September	73·1	28th	75·8	30th	69·7	3·7	6·4	1·2
October	68·5	1st	73·3	30th	61·8	6·2	8·6	1·9
November	60·5	1st	69·8	29th	47·7	7·7	12·2	2·1
December	49·0	2nd	54·7	10th & 11th	44·7	9·8	11·7	5·5
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

* Mean of 20 days.

101. AKYAB (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January	55·2	22nd	69·3	26th	49·3	4·5	7·1	1·4
February	Imperfect.							
March	Ditto.							
April	68·9†	23rd	75·5	3rd	61·4	6·5†	9·2	4·6
May	Not recorded							
June	Imperfect.							
July	74·4	3rd	75·6	14th	72·1	4·2	5·8	2·1
August	74·0	17th	76·6	9th	70·6	3·6	5·0	0·3
September	73·8‡	6th & 7th	76·1	24th	69·1	4·5‡	5·8	3·5
October	72·5	1st & 7th	75·1	27th & 28th	68·9	5·1	6·4	4·0
November	67·8	5th	72·1	30th	61·3	5·2	6·5	4·1
December	59·2	8th	63·3	31st	54·1	5·4	7·2	2·9
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

* On a woollen pad 2½ inches above ground.
† Mean of 27 days.
‡ „ „ 29 „

102. THAYETMYO (*corrected*).§

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January	45·0	23rd	63·7	25th	36·0	5·8	7·4	4·0
February	45·3	27th	53·5	2nd	36·8	6·9	8·6	5·5
March	56·7	31st	64·7	27th	48·9	8·3	23·1?	5·1
April	69·3	21st	75·8	10th	58·7	5·7	8·4	1·9
May	Untrustworthy.							
June	Ditto.							
July	Ditto.							
August	Ditto.							
September	Ditto.							
October	Ditto.							
November	Ditto.							
December	Imperfect.							
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

§ On a woollen pad 4 inches above ground.

103. TOUNGOO (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January	46·3†	22nd	59·7	6th	38·9	9·3†	12·2	4·0
February	49·2‡	18th	60·2	2nd	42·8	9·4‡	12·3	6·7
March	Not recorded.							
April	Ditto.							
May	Ditto.							
June	Ditto.							
July	Ditto.							
August	Ditto.							
September	Ditto.							
October	Ditto.							
November	Ditto.							
December	Ditto.							
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

* On a woollen pad 2 inches above ground.
† Mean of 29 days.
‡ „ „ 21 „

104. BASSEIN (*corrected*).§

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January	53·7	22nd	63·6	25th	43·4	6·5	9·6	4·2
February	55·8	22nd	63·1	3rd	47·5	7·1	9·9	5·0
March	64·2	31st	69·8	1st	57·8	5·7	7·1	3·9
April	70·6	30th	74·8	3rd	66·8	4·6	6·1	2·7
May	73·2	15th	75·7	5th	69·2	3·0	4·7	1·7
June	73·3	16th	75·0	6th	71·8	2·6	3·8	1·5
July	73·5	2nd	76·0	14th	71·0	2·2	3·7	1·4
August	72·7	13th	76·0	3rd	70·1	2·6	3·8	1·5
September	72·6	10th	75·8	27th	69·4	2·8	4·5	1·4
October	70·6	4th	73·8	29th	65·7	3·8	6·0	1·3
November	66·2	14th & 15th	71·1	30th	58·3	5·1	7·6	2·2
December	58·4	6th	66·0	23rd	53·0	6·1	8·1	4·0
Year	67·1	...	76·0	...	43·4	4·3	9·9	1·3
Means of extremes	...	...	71·7	...	62·0	...	6·2	2·6

§ On a woollen pad.

105. RANGOON (*corrected*).*

Month.	Maximum. Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, Shade and Radiation. Mean.	Maximum.	Minimum.
January . .	Not recorded.							
February . .	Ditto.							
March . . .	69·5	20th	73·7	1st	65·5	2·0	5·6	0·5
April . . .	72·4	21st	77·3	4th	69·8	4·0	11·0	1·3
May . . .	74·1†	26th	77·0	5th & 6th	70·3	2·0†	4·2	0
June . . .	73·6‡	25th	75·1	28th & 29th	71·5	2·2‡	4·1	0
July . . .	73·6§	22nd & 25th	75·2	15th	69·5	1·9§	4·5	0
August . .	72·6‖	25th	76·0	9th	69·0	2·9‖	4·8	0·8
September . .	73·3	26th	75·8	2nd	69·8	3·2	7·0	0·7
October . .	72·5	16th	75·4	31st	67·0	4·3	7·1	0·6
November . .	67·9	14th	75·1	19th	60·1	6·3	10·1	—0·2
December . .	63·3§	3rd	70·0	31st	59·0	5·5§	8·1	1·8
Year . . .	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

106. MOULMEIN (*corrected*).¶

Month.	Maximum. Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, Shade and Radiation. Mean.	Maximum.	Minimum.
January . .	57·4	21st	66·2	25th	52·3	5·6	7·9	3·5
February . .	60·0	26th	68·3	2nd	53·3	5·4	11·3	2·8
March . . .	66·3	31st	73·1	28th	60·1	5·1	10·5	2·4
April . . .	72·0**	24th	74·1	4th	69·1	2·8**	4·9	1·3
May . . .	72·9	8th	75·0	5th	69·7	1·7	3·0	1·0
June . . .	72·2	7th	74·1	10th	70·4	1·7	3.6	0·7
July . . .	72·2	2nd	76·0	13th	69·2	1·6	3·5	0·4
August . .	72·4	13th & 31st	74·2	9th	70·7	1·5	2·6	0·6
September . .	72·5	6th & 7th	73·8	16th & 22nd	70·4	1·3	2·3	0·4
October . .	70·3	6th	74·6	28th	63·5	2·7	5·7	0
November . .	65·2	11th	72·4	18th	56·2	5·0	9·3	1·9
December . .	61·4	5th	67·5	28th	55·3	4·8	7·3	1·9
Year . . .	67·9	...	76·0	...	52·3	3·3	11·3	0
Means of extremes	...	...	72·4	...	63·4	...	6·0	1·4

* On a woollen pad 3 inches above ground. § Mean of 30 days. ¶ On a woollen pad. ** Mean of 28 days.
† Mean of 28 days. ‖ „ „ 27 „
‡ „ „ 29 „

107. MERGUI (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, Shade and Radiation. Mean.	Maximum.	Minimum.
January . .	62·8	30th	68·4	1st	55·4	3·8	5·5	2·8
February .	64·2	26th	68·9	9th	57·7	3·3	4·3	2·4
March . .	67·7	29th	71·0	1st	62·7	3·2	4·2	2·4
April . .	69·6	23rd	71·3	6th	67·7	3·2	4·1	2·4
May . . .	70·0	14th & 28th	71·0	3rd, 11th to 13th 21st, 23rd, 27th and 31st.	69·4	3·4	4·3	2·7
June . . .	70·2	7th	71·3	2nd, 5th, 9th, 10th & 20th.	69·4	3·3	4·4	2·4
July . . .	70·2	5th, 21st & 27th.	71·4	11th	68·8	3·3	4·3	2·6
August . .	70·0	21st	71·0	18th	67·7	3·4	4·5	2·5
September . .	69·9	2nd	71·0	28th	69·3	3·3	4·1	2·7
October . .	69·5	12th, 13th & 18th.	71·0	28th	65·9	3·2	4·1	2·5
November . .	64·8	10th	69·9	19th	55·5	3·4	4·8	2·5
December . .	60·9	14th	65·4	28th	53·4	3·3	5·0	2·1
Year . . .	67·5	...	71·4	...	53·4	3·3	5·5	2·1
Means of extremes	...	...	70·1	...	63·6	...	4·5	2·5

108. PORT BLAIR (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, Shade and Radiation. Mean.	Maximum.	Minimum.
January . .	66·9	23rd	73·2	31st	59·7	7·5	10·7	2·7
February .	65·2	21st	73·4	1st to 3rd	60·2	7·4	12·5	2·6
March . .	68·2	30th	75·2	1st & 3rd	62·2	7·1	13·2	2·7
April . .	72·6	7th	75·2	4th	70·2	4·9	6·7	1·7
May . . .	Imperfect.							
June . . .	72·7†	20th	75·6	24th	68·1	3·4†	6·8	1·3
July . . .	73·4	25th	75·6	9th & 12th	71·1	2·9	5·8	0·3
August . .	73·0	17th, to 19th & 25th.	75·2	30th	70·2	2·7	5·2	0·4
September . .	73·5	12th	75·6	1st to 5th & 22nd.	72·1	2·6	4·8	0·3
October . .	72·1	29th	74·2	11th	69·2	3·2	6·0	1·1
November . .	71·4	2nd	74·6	28th	68·9	4·4	7·3	1·1
December . .	71·5	24th	74·6	14th	62·1	4·5	11·8	0·2
Year . . .	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

* On a woollen pad 2 inches above ground. † Mean of 23 days.

TABLE III.—TEMPERATURES OF NOCTURNAL RADIATION IN 1887.

109. NANCOWRY (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	72·5	18th, 20th, 24th & 28th.	74·2	1st to 3rd & 13th.	70·2	4·3	7·2	2·4
February	*Imperfect.*							
March	Not recorded.							
April	Ditto.							
May	Ditto.							
June	Ditto.							
July	70·9†	12th, 14th & 15th	74·0	19th	64·0	4·9†	11·4	1·2
August	71·1	21st	74·0	1st	69·0	3·7	6·6	0·8
September	72·5	12th	74·8	25th	70·8	3·2	6·8	1·4
October	71·7	5th	73·0	2nd	70·0	3·8	8·0	1·8
November	71·8	18th	74·0	21st & 23rd	69·8	3·3	6·6	1·4
December	72·1	13th	74·0	16th	69·2	3·7	6·0	1·2
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

* On a woollen pad 2 inches above ground.
† Mean of 24 days.

TABLE IV.—TEMPERATURES OF THE GROUND IN 1887. (5 STATIONS).

1. LAHORE.

MONTH.	SURFACE.				1 FOOT DEEP.				3 FEET DEEP.				6 FEET DEEP.	DAILY MEANS.		
	4 hours.	10 hours.	16 hours.	22 hours.	4 hours.	10 hours.	16 hours.	22 hours.	4 hours.	10 hours.	16 hours.	22 hours.	10 hours.	Surface.	1 foot.	3 feet.
January	39·8	54·7	65·2	43·9	58·2	58·1	58·7	58·8	63·1	63·2	63·0	63·0	72·1	50·9	58·5	63·1
February	40·0	65·2	81·3	49·1	60·6	60·2	60·6	61·3	62·4	62·4	62·5	62·4	69·5	58·9	60·7	62·4
March	52·0	88·2	102·3	60·9	71·5	71·2	71·2	71·8	71·0	71·1	71·1	71·1	71·5	75·9	71·4	71·1
April	64·5	111·3	118·0	73·9	81·3	81·1	81·0	81·7	78·8	78·9	79·0	79·0	75·1	91·9	81·3	78·9
May	72·5	126·4	130·4	82·8	90·4	90·3	90·1	90·7	87·2	87·4	87·4	87·4	80·5	103·0	90·4	87·4
June	78·8	118·3	126·0	86·8	92·9	92·8	92·7	93·2	90·6	90·7	90·7	90·7	84·4	102·5	92·9	90·7
July	84·2	113·6	122·5	89·6	96·2	95·9	95·7	96·1	93·9	93·9	93·9	93·9	87·3	102·5	96·0	93·9
August	78·4	104·4	111·3	82·8	91·0	90·6	90·5	91·4	90·1	90·1	90·2	90·1	87·6	94·2	90·9	90·1
September	69·8	116·7	115·4	75·6	89·7	89·8	90·4	91·2	90·2	90·5	90·4	90·2	87·8	94·4	90·3	90·3
October	57·8	105·5	94·9	63·6	82·7	82·6	83·2	83·8	85·2	85·5	85·4	85·1	86·4	80·5	83·1	85·3
November	41·2	74·6	75·7	47·3	68·6	68·6	70·1	69·7	75·0	74·9	74·7	74·6	81·5	59·7	69·2	74·8
December	37·6	63·0	67·8	42·8	60·8	60·7	62·5	62·2	67·5	67·4	67·4	67·4	75·9	52·8	61·5	67·4
Year	59·7	95·2	100·9	66·6	78·7	78·5	78·9	79·3	79·6	79·7	79·6	79·6	80·0	80·6	78·9	79·6

2. DEHRA.

MONTH.	15 HOURS.						
	1·1 ft. (Old.)	3·2 ft. (New.)	6·4 ft. (New.)	6·4 ft. (Old.)	12·8 ft. (New.)	12·8 ft. (Old.)	25·6 ft. (New.)
January	55·5	Imperfect.		66·0	Imperfect.		
February	58·2*	60·0†	64·5*	64·2*	70·9*	68·8*	74·7*
March	69·3	68·8‡	67·6‡	67·6	70·2	69·7	74·3
April	79·1	76·6	71·7	71·4	71·0	71·1	73·8
May	89·3	85·5‡	77·9	77·0	72·9	73·4	73·5
June	85·9	84·9	80·9	80·2	75·4	76·1	73·6
July	82·7	82·6	80·9	80·6	77·2	77·7	74·0
August	81·3	81·6	81·1	81·1	78·9	79·2	75·1
September	81·0	81·3	80·9	80·9	79·6	79·8	76·1
October	75·8‡	78·2‡	79·6‡	79·4‡	79·3‡	79·3‡	76·2‡
November	67·5	72·1	75·9	75·3	78·3	77·1	76·3
December	61·3	66·9	72·0	71·1	76·5	74·1	76·2
Year	73·9	...	...	74·6	...	...	...

3. ALLAHABAD.

MONTH.	SURFACE.			1 FOOT DEEP.			3 FEET DEEP.			9 FEET DEEP.	DAILY MEANS.		
	6 hours.	14 hours.	22 hours.	6 hours.	14 hours.	22 hours.	6 hours.	14 hours.	22 hours.	14 hours.	Surface.	1 foot.	3 feet.
January	47·7	76·5	52·7	59·9	59·2	61·3	65·8	65·8	65·8	77·8	59·5	60·2	65·8
February	44·7	97·8	53·8	62·6	61·5	65·2	65·4	65·3	65·5	75·6	66·6	63·1	65·4
March	55·8	120·4	65·6	74·9	73·6	77·7	73·5	73·5	73·7	75·4	81·4	75·4	73·6
April	66·4§	135·1	77·2	84·3§	83·2	87·3	80·6§	80·8	80·9	77·7	94·2	84·8	80·9
May	80·3	137·3	87·9	94·6	93·2	96·3	89·4	89·5	89·5	80·3	103·2	94·5	89·5
June	85·6	135·9	91·4	97·5	96·6	99·5	93·5	93·6	93·6	83·2	105·0	97·9	93·5
July	79·6	104·3	82·0	88·0	87·5	89·3	89·4	89·2	89·2	84·9	87·9	88·2	89·2
August	78·9	96·3	80·7	84·9	84·8	86·1	85·7	85·6	85·5	84·5	84·7	85·2	85·5
September	75·8	106·9	79·1	85·6	85·3	87·3	86·1	86·0	86·1	84·5	86·5	86·1	86·1
October	64·9	79·7	70·2	80·6	79·8	82·0	83·4	83·2	83·2	84·4	79·7	80·7	83·3
November	51·9	92·0	58·1	71·1	70·4	72·6	76·5	76·3	76·3	83·0	67·8	71·3	76·4
December	43·7	82·0	51·5	63·9	62·8	65·2	70·4	70·3	70·3	80·7	59·8	64·0	70·3
Year	64·6	105·4	70·9	79·0	78·2	80·8	80·0	79·9	80·0	81·0	81·4	79·3	79·9

* Mean of 26 days. ‡ Mean of 30 days. § Mean of 29 days.
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TABLE IV.—TEMPERATURES OF THE GROUND IN 1887.

4. CALCUTTA (ALIPORE).

Month.	Surface.			1 foot deep (old).			1 foot deep (new).			3 feet deep.			6 feet deep.	Daily Means.			
	5½ hours.	13½ hours.	21½ hours.	5½ hours.	13½ hours.	21½ hours.	5½ hours.	13½ hours.	21½ hours.	5½ hours.	13½ hours.	21½ hours.	13½ hours.	Surface.	1 foot (old).	1 foot (new).	3 feet.
January	55·7	72·8	59·3	67·8	67·7	68·3	68·3	67·5	68·5	72·9	72·8	72·9	78·2	62·6	67·9	68·1	72·9
February	56·3	84·6	60·3	69·3	69·3	70·2	69·7	69·1	70·3	72·6	72·6	72·7	76·3	67·1	69·6	69·7	72·6
March	70·4	104·2	72·9	79·5	79·4	80·2	79·9	79·1	80·4	79·1	79·1	79·3	77·8	82·5	79·7	79·8	79·2
April	75·0	105·2	78·3				83·9	83·2	84·7	82·8	82·8	82·9	80·4	86·2		83·9	82·8
May	80·6	101·2	82·8				87·4	80·8	88·1	86·6	80·6	86·6	83·1	88·2		87·4	86·6
June	82·3	96·5	83·6				87·0	81·5	87·5	85·8	86·7	86·8	84·6	87·5		87·0	86·8
July	81·8	92·0	83·5				85·9	85·5	86·1	86·1	86·1	86·1	84·9	85·8		85·8	86·1
August	82·7	94·8	84·9	Discontinued.			86·8	86·3	87·0	86·8	86·7	86·8	85·2	87·5	Discontinued.	86·7	86·8
September	82·8	91·5	84·5				80·0	85·6	86·2	86·6	86·6	86·6	85·7	86·3		85·9	86·6
October	77·3	90·2	79·6				83·4	82·9	83·5	85·3	85·2	85·2	85·4	82·4		83·3	85·2
November	67·6	81·8	70·4				76·6	76·0	76·7	80·5	80·5	80·4	83·4	73·3		76·4	80·5
December	58·0	72·6	61·5				69·3	68·6	69·5	74·8	74·8	74·8	80·4	64·0		69·1	74·8
Year	72·5	90·6	75·1	...	...	...	80·4	79·8	80·7	81·7	81·7	81·8	82·1	79·5		80·3	81·7

5. JEYPORE.

Month.	Surface.				4 inches deep.				1 foot deep.				3 feet deep.				10 feet deep.	26 feet 45·6 feet deep. (a)	Daily means.			
	4 hours.	10 hours.	16 hours.	22 hours.	4 hours.	10 hours.	16 hours.	22 hours.	4 hours.	10 hours.	16 hours.	22 hours.	4 hours.	10 hours.	16 hours.	22 hours.	10 hours.	10 hours.	10 hours.	Surface.	4 inches.	1 foot.	3 feet.
January	44·9	74·3	76·9	50·1	54·6	57·9	71·3	60·7	60·9	59·3	63·2	63·7	67·2	67·3	67·4	67·3	Not recorded.	80·9	Not recorded.	61·5	61·1	61·7	67·3
February	42·1	91·6	94·6	49·0	57·1	66·9	90·9	66·2	63·2	61·5	69·2	68·9	67·1	67·2	67·4	67·3	73·1*	79·8		69·3	69·9	65·7	67·2
March	52·3	104·3	110·1	57·7	66·8	76·0	100·8	78·1	74·2	72·6	79·3	79·5	73·6	74·1	73·9	73·5	73·5	78·7		81·1	80·4	76·4	73·8
April	65·2	115·7	123·3	76·1	79·6	87·6	109·6	90·9	84·8	83·3	91·1	90·8	80·0	80·2	80·3	80·3	75·9	78·0		95·0	91·9	87·5	80·2
May	77·0	123·7	132·9	85·7	90·8	95·7	113·9	100·6	94·5	93·3	100·3	100·0	87·3	87·5	87·6	87·6	79·4	78·1	80·8†(a)	104·8	100·2	97·0	87·5
June	80·2	117·1	120·5	86·7	89·1	93·4	107·9	96·7	93·4	92·6	100·5	97·9	90·3	90·4	90·5	90·4	82·9	79·0	80·8 (a)	101·1	96·7	96·1	90·4
July	76·0	93·2	95·4	78·7	80·5	82·7	90·6	83·9	82·9	82·4	87·2	85·4	85·9	86·0	85·9	85·8	84·3	80·2	80·8 (a)	85·8	84·4	84·5	85·8
August	74·9‡	89·7	91·0	76·4	77·3‡	80·3	87·7	80·9	79·0‡	79·2	84·3	81·6	81·7‡	81·8	81·8	81·4	83·4	81·4	80·8 (a)	82·9	81·6	81·0	81·7
September	70·1	103·7	106·4	74·6	79·6	84·3	97·0	85·3	82·2	81·9	89·8	86·6	84·3	84·5	84·6	84·3	83·1	81·8	80·9 (a)	88·7	86·5	85·1	84·5
October	58·6	106·8	107·9	65·3	76·3	82·3	97·8	83·3	79·8	79·0	87·9	84·6	83·9	84·2	84·2	84·0	83·5	81·8	81·0	84·6	84·8	82·8	84·0
November	46·0	91·9	85·4	52·0	63·2	71·3	85·9	69·8	69·3	68·9	76·6	73·7	76·9	77·4	77·4	77·2	82·2	81·9	80·9	68·8	72·5	72·1	77·2
December	43·2	78·6	82·3	48·8	56·3	63·0	74·2	62·1	62·4	61·7	68·2	65·8	70·6	70·8	70·9	70·7	79·0	81·5	81·0	63·2	63·9	64·5	70·7
Year	60·9	99·2	102·2	66·8	72·6	78·5	94·0	79·9	77·2	76·3	83·1	81·5	79·1	79·3	79·3	79·2	...	80·3	...	82·2	81·2	79·5	79·2

* Mean of 25 days.
† „ „ 20 „
‡ Mean of 30 days.
(a) 47 feet deep up to September.

TABLE V.—MEAN AND EXTREME AIR-TEMPERATURES IN THE SHADE IN 1887.
(141 STATIONS).

1. BAGHDAD (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	HIGHEST MAXIMUM. °	Absolute range.	LOWEST MINIMUM. Day.	LOWEST MINIMUM. °
January											
February											
March											
April											
May							Observatory opened in October 1887.				
June											
July											
August											
September											
October	75·6	81·6	88·9*	94·8*	32·6	62·2	12th	109·2	53·2	24th	56·0
November	66·2	69·2	76·6	82·0	26·3	55·7†	1st	91·8	44·8	17th	47·0
December	54·2	55·6*	61·5*	63·9*	17·0	46·9	11th	73·0	34·0	25th & 26th	39·0
Year	...	...	...	...	...	...	...	...	...	...	...

2. ADEN (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	HIGHEST MAXIMUM. °	Absolute range.	LOWEST MINIMUM. Day.	LOWEST MINIMUM. °
January	75·3	77·4*	78·4*	81·9*	9·8	72·1*	2nd, 23rd & 25th.	84·7	17·0	28th	67·7
February	75·7	78·1	80·0	83·8	12·5	71·3	21st	88·5	22·6	20th	65·9
March	77·7	80·0	82·2	85·7	12·5	73·2	30th	95·5	25·8	25th	69·7
April	80·9	83·5	85·7	90·1	14·1	76·0	30th	97·8	26·1	18th	71·7
May	84·3	88·8	89·1	94·4	14·9	79·5	1st	97·8	23·9	11th	73·9
June	87·0	90·3†	90·8	94·0	10·8	83·2†	14th	100·8	20·5	18th	80·3
July	84·6	86·1*	88·4	91·5	10·8	80·7*	6th	99·9	24·6	31st	75·3
August	82·2	85·1	86·5	90·2*	12·3	77·9	30th	95·3	26·0	4th	69·3
September	84·8	87·8	88·1	92·7	11·3	81·4	7th	96·8	19·5	2nd	77·3
October	79·4	85·0	84·1*	89·9*	15·3	74·6	28th	94·9	24·5	30th	70·4
November	77·3	81·5	82·3	86·4†	14·2	72·2	5th	92·1	23·2	15th	68·9
December	75·8	78·5	79·2*	82·0*	9·6	72·4	3rd	86·1	18·2	25th	67·9
Year	80·4	83·5	84·6	88·6	12·3	76·2	...	99·9	34·0	...	65·9

* Mean of 30 days. † Mean of 29 days.

3. BUSHIRE (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	HIGHEST MAXIMUM. °	Absolute range.	LOWEST MINIMUM. Day.	LOWEST MINIMUM. °
January	55·7	57·2	59·9	64·7	13·3	51·4	10th	76·6	38·2	30th	38·4
February	56·8	59·6	62·2	66·3*	14·9	51·4	24th & 25th.	84·6	42·3	10th	42·3
March	62·0	65·7	66·9	71·4	14·4	57·0	24th	89·6	42·3	4th	47·3
April	71·8	75·4	76·8	81·4	14·7	66·7†	30th	101·5	41·3	25th & 26th.	60·2
May	79·7	83·2	84·9	86·8	12·4	74·4	20th	102·0	36·8	9th	65·2
June	86·1	88·3	90·8	91·5	10·2	81·3	7th	96·5	24·0	27th	72·5
July	88·7	91·0	92·5	93·6	8·7	84·9	1st & 7th	98·5	24·5	3rd	74·0
August	88·5	92·7	94·0	95·5	12·5	83·0	17th	102·3	24·4	12th	77·9
September	86·4	90·5	92·9	94·4	14·6	79·8	6th	101·3	27·3	27th	74·0
October	78·9	83·9	87·0	88·3	17·6	70·7	6th	97·5	36·1	23rd	61·4
November	70·8	74·3	78·2	79·4	16·1	63·3	9th	85·4	30·0	28th	55·4
December	60·8	62·0	65·4	67·8	11·7	56·1	2nd	79·6	34·3	26th	45·3
Year	73·9	77·0	79·3	81·8	13·4	68·3	...	102·3	63·9	...	38·4

4. AMINI DIVI (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	HIGHEST MAXIMUM. °	Absolute range.	LOWEST MINIMUM. Day.	LOWEST MINIMUM. °
January	80·4	83·3	83·5	Untrustworthy.		74·4	...	?	?	10th	68·4
February	80·4	82·6	84·3	86·6	12·2	74·4	28th	91·5	22·8	18th	68·7
March	82·5	84·4	84·8	87·6	9·3	78·3	5th	91·9	20·4	23rd	71·5
April	83·6	85·8	85·4	88·3	8·5	79·8	16th	95·0	18·6	30th	76·4
May	84·3	86·4	86·6	89·7	9·8	79·9	22nd	93·2	19·3	1st	73·9
June	79·9	82·1	81·5	84·6	8·6	76·0	23rd	88·2	15·8	26th	72·4
July	80·5	82·5	82·4	85·1	8·5	76·6	17th	88·5	15·6	1st & 9th	72·9
August	80·9	82·7	82·8	85·6	8·5	77·1	6th	89·2	16·1	8th	73·1
September	80·6	82·7	82·4	85·4	8·6	76·8	29th	88·6	14·4	8th	74·2
October	80·9	82·9	83·4	86·2	9·8	76·4	1st	89·5	17·1	15th	71·8
November	80·4	83·0	83·5	86·1	11·3	74·8	21st	89·0	17·6	19th	71·4
December	79·9	82·9	83·0	85·5	11·6	73·9	28th	87·6	18·4	3rd	69·2
Year	81·2	83·4	83·6	?	?	76·5	...	95·0	26·6	...	68·4

* Mean of 23 days. † Mean of 26 days.

TABLE V.—MEAN AND EXTREME AIR-TEMPERATURES IN THE SHADE IN 1887.

5. QUETTA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	36·5	39·1	43·8	46·2	17·1	29·1	27th	62·0	46·2	5th	15·8	15·4	9·1	17·3	22·8	12·3	28·7	21·0	7·7	17th	35·9	36·4	27th	−0·5
February	41·7	47·1	52·9	55·6	25·1	30·5	26th	79·8	64·8	7th	15·0	19·8	10·5	22·1	29·2	17·3	33·9	24·6	9·3	27th	48·9	57·4	10th	−8·5
March	50·2	59·6	64·9	67·4	32·0	35·4	25th	78·9	52·6	17th	26·3	31·3	23·1	33·4	39·7	29·1	43·1	20·7	22·4	1st	53·9	39·9	30th	14·0
April	60·4	71·0	74·5	77·3	31·1	46·2	11th	84·4	47·4	21st	37·0	42·6	31·5	46·7	52·0	40·0	57·2	26·9	30·3	11th	64·2	46·7	1st	17·5
May	66·8	78·0	82·7	84·6	33·7	50·9	5th	93·3	48·9	16th	44·4	49·2	38·4	54·0	58·4†	46·0	64·2	27·8	36·4	30th	73·9	43·1	2nd	30·8
June	73·5	82·3	87·4	89·2	29·7	59·5	9th	97·5	49·1	4th	48·4	51·5	42·0	54·3	62·0	47·8	65·9	26·1	39·8	30th	78·8	46·8	7th	32·0
July	79·0	85·3	90·6	93·4	26·1	67·3	24th	98·5	42·6	11th	55·9	65·3	53·0	70·0	77·0	61·3	81·3	29·8	51·5	20th	87·3	40·3	2nd	47·0
August	75·9	82·8	88·4	91·0	27·7	63·3	2nd	98·0	44·6	28th	53·4	60·4	50·3	64·8	70·4	56·1	75·3	25·8	49·5	7th	82·0	37·0	29th	45·0
September	63·2	74·3	79·9	82·0	35·6	46·4	1st	90·6	52·6	23rd	38·0	51·5	39·5	57·0	63·0	46·4	66·8	29·0	37·8	1st	73·1	43·6	23rd	29·5
October	55·5	67·0	71·8	74·4	35·3	39·1	1st	82·2	49·4	22nd & 29th.	32·8	42·8	31·6	46·0	54·5	39·1	57·9	26·8	31·1	3rd	66·7	42·2	24th to 29th.	24·5
November	46·2	56·8	62·0	65·2	34·8	30·4*	27th	72·0	48·4	10th	23·6	31·9	20·2	34·9	44·0	28·3	48·1	28·7	19·4	3rd to 5th	54·1	38·6	24th to 26th.	15·5
December	41·0	47·5	53·1	56·4	27·5	28·9	3rd & 4th	70·3	50·0	27th & 28th.	20·3	23·9	15·6	27·0	32·1	21·0	36·7	21·8	14·9	5th & 6th	45·9	38·3	25th	7·6
Year	57·5	65·9	71·0	73·6	29·6	43·9	...	98·5	83·5	...	15·0	40·5	30·4	44·0	50·4	37·1	54·9	25·8	29·2	...	87·3	95·8	..	−8·5

* Mean of 20 days.

† Mean of 30 days.

6. LEH (*corrected*).

Month.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	15·8	15·4	9·1	17·3	22·8	12·3	28·7	21·0	7·7	17th	35·9	36·4	27th	−0·5
February	15·0	19·8	10·5	22·1	29·2	17·3	33·9	24·6	9·3	27th	48·9	57·4	10th	−8·5
March	26·3	31·3	23·1	33·4	39·7	29·1	43·1	20·7	22·4	1st	53·9	39·9	30th	14·0
April	37·0	42·6	31·5	46·7	52·0	40·0	57·2	26·9	30·3	11th	64·2	46·7	1st	17·5
May	44·4	49·2	38·4	54·0	58·4†	46·0	64·2	27·8	36·4	30th	73·9	43·1	2nd	30·8
June	48·4	51·5	42·0	54·3	62·0	47·8	65·9	26·1	39·8	30th	78·8	46·8	7th	32·0
July	55·9	65·3	53·0	70·0	77·0	61·3	81·3	29·8	51·5	20th	87·3	40·3	2nd	47·0
August	53·4	60·4	50·3	64·8	70·4	56·1	75·3	25·8	49·5	7th	82·0	37·0	29th	45·0
September	38·0	51·5	39·5	57·0	63·0	46·4	66·8	29·0	37·8	1st	73·1	43·6	23rd	29·5
October	32·8	42·8	31·6	46·0	54·5	39·1	57·9	26·8	31·1	3rd	66·7	42·2	24th to 29th.	24·5
November	23·6	31·9	20·2	34·9	44·0	28·3	48·1	28·7	19·4	3rd to 5th	54·1	38·6	24th to 26th.	15·5
December	20·3	23·9	15·6	27·0	32·1	21·0	36·7	21·8	14·9	5th & 6th	45·9	38·3	25th	7·6
Year	15·0	40·5	30·4	44·0	50·4	37·1	54·9	25·8	29·2	...	87·3	95·8	..	−8·5

7. MOOLTAN (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	53·4	54·6	65·4	67·4	26·1	41·3	27th & 28th	73·1	37·7	8th, 15th, 22nd & 31st.	35·4
February	59·7	61·1	74·4	76·3	31·3	45·0	27th & 28th	90·6	57·2	7th & 9th	33·4
March	71·5	75·0	87·0	89·0	33·1	55·9	26th	98·6	50·1	6th	48·5
April	83·8	89·5	98·7	100·5	31·6	68·9	29th	106·6	53·2	1st	53·4
May	90·9	99·0	108·4	109·9	36·5	73·4	6th	115·6	45·4	9th	70·2
June	88·8	96·7	101·3	103·2	27·0	76·2	1st	112·6	41·4	12th	71·2
July	92·8	96·7	102·9	104·2	21·5	82·7	10th & 14th	106·1	28·9	1st	77·2
August	90·4	92·9	98·3	100·0	17·5	82·5	6th, 28th & 29th.	103·6	27·9	14th	75·7
September	87·3	91·4	97·5	99·0	22·0	77·0	9th	102·6	29·4	23rd, 27th, 28th & 30th.	73·2
October	78·3	83·3	91·3	92·8	27·5	65·3	6th	99·6	44·2	27th & 31st	55·4
November	65·7	71·0	83·7	85·3	37·6	47·7	1st	91·6	50·1	21st	41·5
December	58·3	63·5	74·6	76·1	34·2	41·9	2nd	82·6	46·2	13th, 29th & 31st.	36·4
Year	76·7	81·2	90·3	92·0	28·8	63·2	...	115·6	82·2	...	33·4

8. DERA ISMAIL KHAN (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	52·1	51·3	63·8	65·7	25·3	40·4	4th & 31st	71·7	41·7	22nd	30·0
February	57·9	58·7	72·2	74·4	30·8	43·6	26th	88·7	58·7	9th	30·0
March	70·1	74·1	85·2	87·4	32·5	54·9	25th	97·5	51·7	31st	45·8
April	80·9	85·3	95·4	97·4	31·0	66·4	27th	105·5	54·7	1st	50·8
May	92·0	98·1	108·3	110·5	34·9	75·6	30th	118·5	51·7	2nd	66·8
June	90·9	92·9	100·9	105·6	24·7	80·9	28th	115·5	43·7	22nd	71·8
July	93·0	93·1	102·4	104·6	21·0	83·6	1st	114·5	45·7	6th	68·8
August	90·7	90·4	99·7	102·3	20·7	81·6	6th & 20th	107·5	34·7	15th	72·8
September	86·0	87·0	98·8	100·7	27·6	73·1	14th & 15th	105·5	40·7	25th	64·8
October	77·4	80·3	92·6	94·9	32·7	62·2	8th	103·5	51·8	24th	51·7
November	62·6	65·2	80·1	82·8	37·8	45·0	16th	89·6	50·7	26th	38·9
December	55·0	55·0	70·0	72·5	32·5	40·0	4th & 5th	78·7	49·7	29th	29·0
Year	75·7	77·6	89·1	91·6	29·3	62·3	...	118·5	89·5	...	29·0

9. PESHAWAR (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January .	47·4	51·7	57·5	60·1	22·9	37·2	7th	67·2	36·3	8th	30·9
February .	53·9	58·6	66·4	68·4	27·1	41·3	26th	80·1	50·2	4th & 9th	29·9
March .	64·2	69·8	76·2	79·1	27·0	52·1	24th	89·1	43·9	16th	45·2
April .	74·9	82·1	87·7	90·9	28·8	62·1	11th & 27th.	99·0	47·0	1st & 2nd	52·0
May .	87·5	96·2	101·9	104·3	31·2	73·1	29th	113·0	47·0	16th	66·0
June .	89·2	96·5	102·0	105·6	29·4	76·4	29th	118·0	49·1	22nd	68·9
July .	91·6	93·7	101·1	103·4	21·3	82·1	10th	115·3	41·2	7th	74·1
August .	86·6	89·4	94·8	97·6	19·2	78·4	20th	102·5	29·6	12th	72·9
September	79·1	84·3	91·5	94·0	27·4	66·6	14th, 15th & 18th.	99·0	38·0	13th, 22nd, 23rd & 25th.	61·0
October .	71·9	77·8	85·7	87·9	29·8	58·1	5th	96·0	47·2	24th	48·8
November.	59·3	64·6	75·9	78·5	35·8	42·7	2nd	84·1	48·2	24th	35·9
December.	52·0	55·0	65·3	68·1	29·5	38·6	5th	78·1	46·7	27th	31·4
Year .	71·5	76·6	83·8	86·5	27·5	59·1	...	118·0	88·1	...	29·9

10. MURREE (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January .	33·3	36·6	36·5	41·0	10·9	30·1	4th	50·9	28·6	15th	22·3
February .	40·1	44·7	44·5	49·9	14·3	35·6	26th	71·4	46·9	6th	24·5
March .	50·3	54·3	55·9	60·1	15·4	44·7	25th	70·8	38·1	15th	32·7
April .	59·9	66·3	65·6*	71·6	17·5	54·1*	25th	79·4	34·0	7th	45·4
May .	71·5	77·4	78·4	82·8	18·3	64·5	29th	92·9	38·1	23rd	54·8
June .	70·4	75·9	77·9	81·6	18·8	62·8	28th	90·7	45·9	22nd	44·8
July .	68·3	70·9	73·8	76·7	14·0	62·7	1st & 2nd	88·7	32·9	5th & 12th.	55·8
August .	64·4	67·3	69·3†	72·0	12·5	59·5	8th	77·4	22·6	28th	54·8
September	63·1	67·1	68·9	72·3	15·1	57·2	15th	76·8	33·7	20th	43·1
October .	57·4	63·9	62·2†	68·1	15·5	52·6	6th to 8th	73·6	28·2	15th	45·4
November.	51·2	57·5	55·8	62·6	16·1	46·5	26th	67·4	25·1	29th	42·3
December.	43·0	48·1	46·8	52·8	13·7	39·1	5th	65·4	35·5	23rd	29·9
Year .	56·1	60·8	61·3	66·0	15·2	50·8	...	92·9	77·6	...	22·3

* Mean of 29 days. † Mean of 30 days.

11. RAWALPINDI (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January .	47·1	49·4	55·4	58·7	20·0	38·7	27th	65·6	33·6	15th	32·0
February .	51·9	57·6*	64·7*	68·4*	29·3	39·1*	26th	82·0	53·3	9th	28·7
March .	63·4	70·7	77·1	80·4	30·7	49·7	25th	91·0	50·0	16th	41·0
April .	75·8	84·5	89·9	93·6	32·0	61·6	28th	102·4	54·4	2nd	48·0
May .	87·2	96·2	102·1	104·9	32·7	72·2	29th	113·1	50·6	1st	62·5
June .	87·4	93·9†	99·9	103·3	28·4	74·9†	29th	114·9	48·5	22nd	66·4
July .	87·2	88·2	95·4	97·2	18·2	79·0	2nd	111·6	43·4	6th	68·2
August .	82·3	84·0	88·9	91·8	16·1	75·7	7th	99·0	30·8	27th	68·2
September	78·1	82·9‡	90·3‡	92·4‡	26·6	65·8‡	16th	99·2	41·1	23rd	58·1
October .	70·7	79·2	84·2	87·9	30·7	57·2	2nd	95·5	47·6	30th	47·9
November.	57·2	67·0	73·0	78·1	36·7	41·4	1st	83·0	49·1	24th	33·9
December.	50·3	55·9	63·9	68·3	31·7	36·6	5th	76·0	47·1	26th	28·9
Year .	69·9	75·8	82·1	85·4	27·8	57·7	...	114·9	86·2	...	28·7

12. SIALKOT (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January .	51·5	52·4	60·3	63·0	20·4	42·6	4th	70·1	34·1	22nd	36·0
February .	56·5	58·9	70·0	72·0	29·1	42·9	25th	82·3	48·3	6th	34·0
March .	69·0	73·6	82·7	85·0	29·7	55·3	25th & 26th.	92·6	45·9	17th	46·7
April .	81·8	88·5	96·4	98·7	31·5	67·2	26th	108·1	52·8	2nd	55·3
May .	92·8	100·6	106·9	109·9	31·2	78·7	29th	114·9	45·8	2nd	69·1
June .	91·8	96·4	103·9	106·6	27·0	79·6	29th	114·5	44·9	4th	69·6
July .	88·2	89·7	95·9	98·5	18·1	80·4	1st	111·5	40·4	5th	71·1
August .	82·7	83·4	89·4	90·5	14·5	76·0	31st	97·6	27·5	9th	70·1
September	81·6	84·4	93·4	95·2	25·5	69·7	15th	101·0	40·8	24th	60·2
October .	76·2	80·8	90·0	92·4	30·1	62·3	6th	98·4	44·1	28th	54·3
November.	62·2	67·9	77·4	81·4	34·5	46·9	1st	87·4	47·3	24th	40·1
December.	54·7	58·2	67·4	71·4	29·5	41·9	2nd	77·1	44·2	30th	32·9
Year .	74·1	77·9	86·1	88·7	26·3	62·0	...	114·9	82·0	...	32·9

* Mean of 26 days. ‡ Mean of 28 days.
† „ „ 29 „

13. LAHORE (*corrected*).

Month.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	51·8	43·6	54·3	62·2	47·2	63·7	23·0	40·7	4th	71·0	39·8	8th	31·2
February	58·9	45·0	63·8	73·3	53·4	74·6	32·6	42·0	27th	87·6	57·1	6th	30·5
March	70·9	57·1	75·9	85·3	65·2	86·5	32·3	54·2	25th	94·1	48·0	19th	46·1
April	83·3	68·9	90·5	96·8	76·8	98·7	32·8	65·9	27th	106·6	53·6	2nd	53·0
May	93·1	77·9	100·5	107·3	86·7	109·3	34·6	74·7	29th	116·1	51·4	1st	64·7
June	91·6	81·6	95·4	101·5	87·7	103·9	24·9	79·0	28th	112·1	44·6	21st	67·5
July	90·2	84·1	91·6	96·7	88·4	99·7	17·8	81·9	10th	110·1	34·2	21st	75·9
August	84·2	79·0	85·7	89·8	82·4	91·6	14·3	77·3	20th	98·3	26·4	28th	71·9
September	82·7	72·3	87·4	93·8	77·3	94·9	25·3	69·6	15th	100·1	37·1	23rd	63·0
October	76·8	63·3	84·8	90·1	68·9	93·1	32·9	60·2	6th to 8th.	99·1	47·9	25th	51·2
November	63·4	48·3	72·1	78·9	54·3	82·1	37·4	44·7	2nd	86·9	46·8	25th & 26th.	40·1
December	56·4	44·5	62·0	69·7	49·5	73·3	32·5	40·8	2nd	80·0	49·3	29th	30·7
Year.	75·3	63·8	80·3	87·1	69·8	89·3	28·4	60·9	...	116·1	85·6	...	30·5

14. LUDHIANA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	53·0	55·2	61·1	64·9	20·0	44·9	29th	72·3	36·4	8th	35·9
February	58·6	63·4	72·2	76·4	31·5	44·9	27th	87·2	53·4	8th	33·8
March	71·5	76·9	85·4	89·8	32·2	57·6	26th	97·2	46·4	20th	50·8
April	82·0	90·0	96·1	100·8	32·9	67·9	28th	109·3	54·4	2nd	54·9
May	92·1	99·0	106·1	110·8	32·7	78·1	28th	116·0	46·5	1st	69·5
June	90·8	94·3	100·9	105·9	25·3	80·6	2nd & 28th.	113·6	44·8	4th	69·0
July	86·4	88·7	92·4	97·1	16·7	80·4	1st	110·0	38·1	11th	71·9
August	82·1	84·6	86·9	92·0	14·8	77·2	26th	97·2	23·0	14th	74·2
September	80·5	84·2	89·5	92·4	21·0	71·4	15th	98·8	33·9	24th & 25th.	64·9
October	74·4	81·7	86·3	91·6	29·2	62·4	5th & 7th	97·8	43·2	27th	54·6
November	62·6	70·5	76·4	80·9	32·1	48·8	1st & 2nd	86·7	43·8	22nd	42·9
December	56·7	61·5	68·5	72·3	27·5	44·8	3rd	77·9	42·8	29th	35·1
Year.	74·2	79·2	85·2	89·6	26·3	63·3	...	116·0	82·2	...	33·8

15. CHAMBA (*corrected*).

Month.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	46·0	41·7	46·1	51·4	44·7	55·5	15·2	40·3	6th	67·2	34·4	14th	32·8
February	52·3	45·4	52·0	61·2	50·5	64·1	20·4	43·7	26th	77·9	43·4	6th	34·5
March	61·3	53·8	63·0	70·1	58·1	74·0	22·2	51·8	25th	81·7	38·1	15th	43·6
April	69·9	60·0*	72·0	81·2	66·4	84·9	27·0	57·9	27th	97·2	48·4	8th	48·8
May	82·2	70·2	85·0	94·8	78·6	98·0	29·5	68·5	28th	105·4	48·6	1st	56·8
June	80·1	70·8*	83·9	89·4	76·2	95·5	26·3	69·2	29th	106·7	45·9	26th	60·8
July	78·4	73·5	80·2	82·8	76·9	87·3	14·7	72·6	1st	95·5	27·7	7th	67·8
August	75·5	71·2	76·6	80·0	74·1	83·3	13·2	70·1	1st	86·8	20·6	15th	66·2
September	72·5	64·3	73·9	82·2*	69·4	84·8	22·0	62·8	15th	90·8	33·1	23rd	57·7
October	66·8	58·1	69·0	76·8	63·2	80·9	24·9	56·0	5th	86·6	36·1	31st	50·5
November	57·1	48·8	58·7	66·2	54·6	73·9	27·2	46·7	2nd	79·0	36·3	27th	42·7
December	50·9	44·7	51·2	58·4	49·2	64·9	22·3	42·6	5th	75·2	39·2	31st	36·0
Year	66·1	58·5	67·6	74·5	63·5	78·9	22·1	56·9	...	106·7	73·9	...	32·8

16. KAILANG (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	17·2	21·7	22·7	28·6	16·9	11·7	25th	36·6	43·6	22nd	—7·0
February	21·8	26·9	29·7	34·2	20·3	13·9	27th	47·7	52·5	9th	—4·8
March	30·1	33·7	36·9	40·6	17·3	23·3	25th	51·7	39·7	31st	12·0
April	42·9	47·7	51·9	56·5	22·7	33·8	26th	67·4	45·8	1st	17·6
May	50·0	57·9	60·5	67·1	27·7	39·4	30th	75·5	43·5	1st	32·0
June	51·0	58·7	60·6	66·5	25·1	41·4	30th	79·5	44·7	7th	34·8
July	61·9	67·7	70·8	76·2*	23·2	53·0	19th	82·1	36·0	27th	46·1
August	58·4	63·4	66·6	71·9	21·8	50·1	7th	81·5	36·5	27th	45·0
September	51·3	58·5	62·1	67·1	26·7	40·4	28th	74·5	43·5	24th	31·0
October	43·8	51·9	54·9	61·3	28·6	32·7	2nd	72·0	46·5	21st	25·5
November	36·4	41·8	47·7	54·4	29·4	25·0	5th	59·7	39·3	24th	20·4
December	28·5	33·0	37·0	42·6	22·7	19·9	2nd	56·2	50·0	31st	6·2
Year	41·1	46·9	50·1	55·6	23·5	32·1	...	82·1	89·1	...	7·0

* Mean of 29 days.

17. SIMLA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January .	35·9	37·2	39·7	43·5	11·5	32·0	6th	52·3	28·5	22nd	23·8
February .	43·6	45·0	49·6	54·6	17·0	37·6	27th	69·5	44·6	8th & 9th	24·9
March .	51·5	53·2	57·2	62·5*	16·7	45·8†	6th	73·5	39·5	15th	34·0
April .	60·7	61·5	66·5	73·8‡	18·9	54·9‡	28th	84·8	39·4	17th	45·4
May . .	Imperfect.										
June . .	65·7§	66·8§	72·0§	75·0§	15·6	59·4§	28th	81·5	28·8	14th	52·7
July . .	63·4	64·6	66·3	69·5	9·0	60·5	1st	75·1	17·7	6th	57·4
August .	62·2	63·2	64·9	67·2	7·7	59·5	20th	70·3	16·9	16th	53·4
September .	60·9	62·7	66·1	70·2	14·5	55·7	11th	74·7	23·5	22nd	51·2
October .	55·8	58·0	62·1	66·2	16·8	49·4	5th	71·6	28·3	25th	43·3
November .	51·0	53·4	57·3	60·7	16·1	44·6	9th & 11th	63·6	21·5	4th	42·1
December .	44·4	46·7	50·2	53·8	15·2	38·6	5th	64·0	31·6	31st	32·4
Year . .	?	?	?	?	?	?	?	?	?	...	23·8

18. DELHI (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January .	57·0	58·3	65·5	68·0	19·5	48·5	29th	76·1	34·9	9th	41·2
February .	63·8	67·7	75·9	78·9	27·3	51·6	26th & 28th	90·1	49·9	9th	40·2
March .	75·0	80·8	88·1	90·8	29·0	61·8	25th	97·2	40·1	9th	57·1
April .	86·0	93·5	98·7	102·2	28·9	73·3	26th & 27th	111·2	53·1	8th	58·1
May . .	94·3	100·9	106·6	109·6	27·6	82·0	9th & 12th	114·0	39·9	4th	74·1
June . .	90·4	96·9	101·6	107·0	27·9	79·1	19th	114·4	41·7	19th	72·7
July . .	83·5	86·1	89·0	92·0	14·0	78·0	1st	105·0	32·9	3rd & 4th	72·1
August .	81·2	83·5	85·0	87·4	10·0	77·4	20th & 31st	92·0	19·9	6th	72·1
September .	81·6	83·8	88·4	89·7	14·9	74·8	10th	95·0	26·4	24th	68·6
October .	77·5	82·8	88·5	90·5	24·0	66·5	5th, 7th & 8th.	94·0	34·9	24th & 27th to 30th.	59·1
November .	67·7	72·8	80·4	82·7	27·7	55·0	2nd	88·1	38·0	28th	50·1
December .	76·7	81·0	86·8	89·6	23·1	66·5	...	114·0	73·8	...	40·2

* Mean of 28 days. ‡ Mean of 21 days.
† „ „ 29 „ § „ „ 20 „

19. SIRSA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January .	54·9	56·7	66·1	68·5	24·9	43·6	28th	78·7	46·0	8th	32·7
February .	60·9	65·3	77·2	79·2	34·6	44·6	28th	96·4	66·2	8th	30·2
March .	73·4	79·9	89·9	92·3	35·5	56·8	26th	102·1	56·0	7th	46·1
April .	84·6	93·1	99·8	102·6	33·3	69·3	25th	111·1	56·9	2nd	54·2
May . .	94·4	101·6	109·4	112·1	32·8	79·3	29th	117·8	46·7	3rd	71·1
June . .	93·1	95·3	103·8	106·2	23·9	82·3	9th	115·4	44·7	22nd	70·7
July . .	87·9	89·8	94·8	98·5	17·6	80·9	1st	109·2	34·9	16th	74·3
August .	84·1	85·9	90·3	93·1	15·2	77·9	20th	101·2	26·3	14th	74·9
September .	83·5	87·3	94·7	97·4	25·1	72·3	10th	102·7	35·7	30th	67·0
October .	77·4	85·3	93·0	95·4	33·6	61·8	7th	101·6	48·6	29th	53·0
November .	64·9	72·7	82·9	85·4	38·5	46·9	1st	91·6	50·3	24th	41·3
December .	58·6	63·2	73·9	76·5	33·2	43·3	10th	82·8	47·6	26th	35·2
Year . .	76·5	81·3	89·7	92·3	29·0	63·3	...	117·8	87·6	...	30·2

20. CHAKRATA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January .	37·6	39·9	39·6	44·8	12·2	32·6	5th	55·3	31·2	22nd	24·1
February .	45·6	49·0	49·2	54·5	16·9	37·6	19th	67·1	44·0	9th	23·1
March .	52·8	56·4	58·1	61·6	16·8	44·8	2nd	71·3	38·9	15th	32·4
April .	61·0	64·5	67·1	70·8	18·1	52·7	27th	81·7	40·5	7th	41·2
May . .	68·8	71·1	75·4	78·5	17·9	60·6	25th	84·2	31·7	2nd	52·5
June . .	65·4	67·3	69·9	75·3	16·9	58·4	4th	82·5	33·7	4th	48·8
July . .	64·1	65·5	65·9	69·2*	8·7	60·5	1st	75·7	20·1	7th	55·6
August .	63·4	64·9	64·5	68·5	8·8	59·7	1st	75·3	18·5	23rd & 28th	56·8
September .	62·9	65·4	65·4	68·5	11·8	56·7	11th & 15th	72·9	21·0	22nd	51·9
October .	57·3	61·4	60·9	64·9	14·4	50·5	7th	70·9	29·2	26th	41·7
November .	51·9	56·5†	55·0†	60·7†	15·9	44·8†	8th	65·5	24·8	20th	40·7
December .	45·7	49·6	48·4	54·2	15·7	38·5	27th	62·3	32·7	31st	29·6
Year . .	56·4	59·3	60·0	64·3	14·5	49·8	...	84·2	61·1	...	23·1

* Mean of 30 days. † Mean of 29 days.

21. DEHRA (*corrected*).

Month.	Mean.	9h hours.	15h hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January .	51·8	51·4	59·6	60·7	16·2	44·5	5th	68·5	32·3	22nd	36·2
February .	57·2	56·7*	69·5†	70·9†	23·9	47·0*	27th	78·3	42·6	9th	35·7
March .	66·5	67·7	78·0	79·9	23·9	56·0	28th	85·3	36·1	20th	49·2
April . .	76·9	79·9	87·5	89·8	25·6	64·2	26th	99·5	45·4	1st	54·1
May . .	86·4	89·0	97·2	98·0	23·0	75·0	9th	102·8	38·4	1st	64·4
June . .	81·6	83·5	89·1	91·8	19·0	72·8	10th	99·7	34·2	12th	65·5
July . .	78·0	78·8	81·4	84·1	10·1	74·0	14th	90·7	20·6	7th	70·1
August .	76·0	77·5	78·5	82·2	9·5	72·7	2nd	86·9	17·1	6th	69·8
September .	75·3	76·6	81·4	83·1	14·4	68·7	14th	87·8	24·1	24th	63·7
October .	68·9	70·9	77·7‡	80·2	19·8	60·4	8th	85·2	33·5	30th	51·7
November .	60·9	61·9	72·0	74·5	23·0	51·5	5th	76·8	29·8	26th	47·0
December .	55·1	55·2	65·8	68·4	22·7	45·7	1st	72·9	35·3	31st	37·6
Year . .	69·6	70·8	78·1	80·3	19·3	61·0	...	102·8	67·1	...	35·7

* Mean of 27 days. † Mean of 26 days. ‡ Mean of 30 days.

22. MUSSOOREE (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January .	37·7	40·3	38·4	44·0	10·2	33·8	6th	51·1	25·8	22nd	25·3
February .	45·4	48·4	47·8	53·5	14·4	39·1	28th	65·9	40·9	8th	25·0
March .	53·3	57·0	57·0	62·0	15·1	46·9	6th	73·3	39·3	15th	34·0
April . .	61·8	65·6	66·3	71·7	17·2	54·5	27th	82·6	39·4	7th	43·2
May . .	70·0	73·1	75·9‡	80·0	18·4	61·6‡	25th	86·1	33·1	23rd	53·0
June . .	65·9	68·4	70·1	74·0	15·4	58·6	10th	82·7	34·5	6th	48·2
July . .	63·7	65·1	65·7	68·8	8·8	60·0	15th	74·7	17·8	7th	56·9
August .	62·8	64·1	64·1	67·2	8·3	58·9	1st	72·9	16·9	28th	56·0
September .	61·7	64·4	63·6	67·0	10·8	56·2	14th	71·6	20·2	22nd	51·4
October .	55·7	59·7	57·9	61·9	11·9	50·0	7th	68·7	25·7	26th	43·0
November .	50·0	54·6	51·1	56·8	12·1	44·7	13th	62·7	21·4	26th	41·3
December .	43·8	47·4	44·8	49·5	10·5	39·0‡	5th	59·1	26·8	31st	32·3
Year . .	56·0	59·0	58·6	63·0	12·8	50·3	...	86·1	61·1	...	25·0

23. ROORKEE (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January .	54·7	55·8	62·6	65·1	19·5	45·6	5th & 12th	74·8	39·0	8th	35·8
February .	59·6	62·0	73·2	75·4	30·0	45·4	25th	85·6	50·8	9th	34·8
March .	71·7	77·1	84·7	87·4	31·3	56·1	3rd, 25th & 26th.	91·6	44·4	20th & 21st	47·2
April . .	82·6	88·0	95·2	98·1	32·6	65·5	26th & 29th	108·1	55·2	2nd	52·9
May . .	92·6	96·7	104·5	107·1	28·1	79·0	9th & 25th	111·9	46·2	1st	65·7
June . .	90·2	92·2	99·7	102·2	22·8	79·4	10th	110·9	38·8	4th	72·1
July . .	83·2	83·7	88·2	90·1	12·0	78·1	1st	104·6	30·0	23rd	74·6
August .	81·3	83·0	84·7	88·5	11·7	76·8	18th	93·6	20·5	28th	73·1
September .	79·8	82·1	86·4	88·6	16·8	71·8	12th & 15th	95·6	31·3	26th	64·3
October .	74·0	79·2	84·1	87·7	26·0	61·7	6th & 8th	92·6	39·7	24th	52·9
November .	64·1	70·2	76·8	80·9	31·8	49·1	2nd	85·1	42·0	25th	43·1
December .	58·0	62·2	69·9	73·7	30·1	43·6	1st	77·8	43·0	29th	34·8
Year . .	74·3	77·7	84·2	87·1	24·4	62·7	...	111·9	77·1	...	34·8

24. RANIKHET (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January .	41·5	43·9	45·7	52·6	16·7	35·9	1st	60·2	33·5	15th	26·7
February .	50·6	52·9	56·1	59·6	18·0	41·6	26th	70·0	42·7	9th	27·3
March .	56·7	59·7	62·3	67·1	18·4	48·7	6th	77·0	39·5	15th	37·5
April . .	64·5	67·9	68·9	74·1	17·9	56·2	25th & 28th	82·0	39·0	9th	43·0
May . .	72·6	76·0	78·0	82·0	18·2	63·8	25th	85·5	34·6	2nd	50·9
June . .	69·5	73·1	74·7	79·5	18·2	61·3	11th	84·5	31·2	4th	53·3
July . .	67·7	69·0	71·2	75·2	12·4	62·8	1st & 28th	80·0	19·0	4th & 17th	61·0
August .	66·0	67·8	68·4	72·3	10·7	61·6	2nd	76·0	16·0	13th	60·0
September .	65·1	67·6	68·6	72·6	13·6	59·0	14th	78·0	23·5	22nd	54·5
October .	59·7	63·8	65·0	69·3	16·5	52·8	1st, 4th & 5th.	74·0	28·0	26th	46·0
November .	55·3	58·7	59·8	64·5	17·2	47·3	9th, 10th & 13th.	69·1	24·8	21st	44·3
December .	49·7	52·5	55·6	59·5	17·9	41·6	27th	65·6	32·1	17th	33·5
Year . .	59·9	62·7	64·5	69·0	16·3	52·7	...	85·5	58·8	...	26·7

25. PITHORAGARH (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	44·1	46·2	48·8	53·3	15·2	38·1	5th	62·9	32·6	22nd	30·3
February	53·8	55·9	61·0	63·4	20·0	43·4	26th	74·1	43·2	9th	30·9
March	59·7	62·3	67·5	69·5	19·7	49·8	6th	77·7	38·8	15th	38·9
April	66·3	68·9	73·1	76·6	20·3	56·3	28th	85·5	41·7	9th	43·8
May	73·6	76·0	81·2	83·4	19·7	63·7	25th	88·5	38·0	2nd	50·5
June	71·0	74·8	76·8	81·4	18·5	62·9	27th	85·9	30·8	9th	55·1
July	71·7	72·6	76·6	79·0	13·0	66·0	1st	82·7	18·7	7th & 15th.	64·0
August	69·8	71·2	73·0	75·9	10·9	65·0	23rd	80·0	16·8	12th	63·2
September	69·2	70·5	75·0	76·7	14·5	62·2	14th	81·2	23·3	4th	57·9
October	63·1	65·9	71·2	72·4	17·6	54·8	4th	77·2	31·4	26th	45·8
November	57·9	59·6	66·2	67·7	19·7	48·0	9th	73·1	29·2	21st	43·9
December	52·1	54·4	60·0	62·9	20·3	42·6	27th	67·8	28·9	14th	38·9
Year	62·7	64·8	69·2	71·9	17·5	54·4	...	88·5	58·2	...	30·3

26. MEERUT (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	56·0	56·9	63·8	66·3	19·5	46·8	29th	74·2	35·2	8th	39·0
February	62·2	65·0	74·7	76·5	29·6	46·9	28th	86·5	49·8	8th	36·7
March	74·9	78·9	85·9	88·2	30·4	57·8	28th	97·3	46·2	19th	51·1
April	82·9	86·9	95·8	98·6	30·9	67·7	26th	107·2	52·2	1st	55·0
May	92·3	97·2	102·6	105·8	27·1	78·7	9th & 11th.	109·2	40·2	1st	69·0
June	90·8	94·0	98·1	102·2	21·9	80·3	10th	107·9	36·0	4th	71·9
July	84·2	85·6	87·5	91·3	13·4	77·9	1st	104·4	30·5	11th & 12th.	73·9
August	81·5	83·3	83·6	87·5	10·5	77·0	4th	92·0	18·9	14th	73·1
September	81·0	83·8	87·2	89·9	17·1	72·8	15th	95·3	30·3	25th	65·0
October	75·1	80·9	85·3	89·0	26·7	62·3	6th	93·3	38·9	29th	54·4
November	64·3	69·5	75·8	80·8	31·5	49·3	3rd	85·2	40·6	27th	44·6
December	58·9	61·9	69·4	74·0	28·5	45·5	1st to 3rd & 10th.	77·2	36·8	28th	40·4
Year	75·3	78·7	84·1	87·5	23·9	63·6	...	109·2	72·5	...	36·7

27. BAREILLY (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	57·2	57·4	65·8	67·1	18·8	48·3	3rd	78·2	36·3	8th	41·9
February	62·3	63·8	76·1	76·8	28·8	48·0	21st & 24th.	85·2	47·8	10th	37·4
March	73·6	78·1	86·9	88·2	29·6	58·6	26th & 28th.	92·8	41·9	18th & 19th.	50·9
April	83·7	88·6	97·8	98·7	31·2	67·5	26th	107·8	52·9	3rd	54·9
May	92·6	96·6	104·1	105·6	26·1	79·5	20th	109·8	40·9	1st	68·9
June	88·6	91·4	97·8	99·9	21·6	78·3	10th	109·3	38·3	4th & 16th.	71·0
July	83·9	85·3	89·0	91·6	13·2	78·4	1st	99·8	25·8	25th	74·0
August	81·3	82·7	84·9	87·5	10·0	77·5	18th	92·1	18·6	16th	73·5
September	80·8	82·7	87·3	89·0	15·1	73·9	11th	94·2	28·8	24th	65·4
October	74·1	79·6	86·2	88·6	27·3	61·3	11th	93·7	45·8	28th	47·9
November	?	69·7	80·1	82·8	?	Untrustworthy.	30th	89·6	?	...	?
December	59·6	63·0	73·2	75·8	29·6	46·2*	5th & 6th.	79·6	39·9	19th & 27th.	39·7
Year	?	78·2	85·8	87·6	?	?	...	109·8	?	...	?

28. AGRA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	61·1	62·0	69·6	71·5	21·5	50·0	29th	80·2	39·6	8th	40·6
February	66·8	68·9	80·5	81·7	31·5	50·2	28th	95·2	58·7	9th	36·5
March	79·2	81·3	91·8	93·3	30·5	62·8	26th	101·1	45·6	20th	55·5
April	90·1	93·3	101·9	104·3	31·0	73·3	27th	113·2	51·3	2nd	61·9
May	99·1	101·0	109·7	111·8	26·8	85·0	28th	116·6	40·4	1st	76·2
June	96·0	98·0	104·7	107·2	21·4	85·8	1st & 10th.	114·4	36·4	14th	78·0
July	85·3	86·0	89·0	90·9	11·7	79·2	2nd	107·1	32·4	3rd	74·7
August	82·4	83·1	84·7	86·6	8·9	77·7	30th	92·1	17·8	7th	74·3
September	83·3	84·8	88·5	90·3	15·6	74·7	11th	96·1	26·9	29th	69·2
October	79·6	83·6	90·1	91·4	25·5	65·9	6th & 20th.	94·9	37·5	25th	57·4
November	70·3	74·0	82·5	83·8	29·5	54·3	3rd	87·3	38·7	24th	48·6
December	64·5	66·4	76·7	77·9	27·6	50·3	11th	82·5	37·9	20th	44·6
Year	79·8	81·9	89·1	90·9	23·5	67·4	...	116·6	80·1	...	36·5

* Mean of 28 days.

29. LUCKNOW (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January .	60·7	62·4	69·3	72·0	23·8	48·2	3rd, 5th, 6th & 29th.	78·2	37·2	1st & 24th	41·0
February .	65·6	69·8	78·6	80·9	32·6	48·3	28th	90·3	53·4	9th	36·9
March .	77·1	82·7	89·9	92·4	32·8	59·6	26th	98·3	45·3	7th & 19th	53·0
April . .	86·6	92·2	100·0	101·9	32·4	69·5	25th	110·3	54·3	1st, 2nd & 4th.	56·0
May . .	93·9	97·0	104·4	106·7	26·4	80·3	20th	112·0	42·1	1st	69·9
June . .	90·5	92·0	98·7	101·8	21·5	80·3	10th	110·3	36·0	14th	74·3
July . .	84·3	85·6	88·5	92·3	13·6	78·7	27th	97·3	21·5	3rd	75·8
August .	81·6	82·6	85·1	88·3	11·1	77·2	19th	94·8	21·0	9th & 22nd.	73·8
September .	83·2	85·6	88·3	91·1	15·5	75·5	15th	95·8	27·9	24th & 25th	67·9
October .	76·6	82·4	85·9	89·9	25·5	64·4	8th	96·3	41·3	25th & 26th	55·0
November .	67·5	74·0	78·5	82·8	30·1	52·7	4th	88·3	43·3	26th	45·0
December .	61·6	67·1	73·0	77·5	31·8	45·7	11th & 12th	81·2	41·3	20th	39·9
Year . .	77·4	81·1	86·7	89·8	24·8	65·0	...	112·0	75·1	...	36·9

30. GORAKHPUR (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January .	68·8	19·7	49·1	6th	74·8	34·1	24th	40·7			
February .	77·8	28·1	49·7	22nd, 27th & 28th.	84·8	42·1	9th, 10th & 11th.	42·7			
March .	90·1	29·1	61·0	24th, 25th & 26th.	93·8	38·3	20th	55·5			
April . .	97·3	27·5	69·8	25th	103·8	44·3	2nd	59·5			
May . .	100·6	21·9	78·7	18th & 19th	108·8	37·3	1st	71·5			
June . .	95·0	16·8	78·2	10th & 11th	101·8	30·3	4th	71·5			
July . .	92·1	12·2	79·9	27th & 28th	97·8	20·3	3rd, 4th, 6th, 10th & 14th.	77·5			
August .	89·0	10·5	78·5	18th	94·3	18·3	14th	76·0			
September .	89·9	12·8	77·1	14th	94·3	22·3	24th & 25th	72·0			
October .	86·7	17·2	69·5	2nd, 4th, 6th & 7th.	93·3	32·8	25th	60·5			
November .	80·2	21·8	58·4	1st	83·4	29·9	29th & 30th	53·5			
December .	73·8	24·1	49·7	2nd	78·3	34·7	30th	43·6			
Year . .	86·8	20·1	66·6	...	108·8	68·1	...	40·7			

31. JHANSI (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January .	62·4	63·6	71·7	75·0	23·8	51·2	4th	83·4	41·5	16th & 23rd.	41·9
February .	68·3	71·0	81·2	83·6	30·0	53·6	28th	97·0	55·1	10th	41·9
March .	79·8	84·4	91·7	95·5	31·4	64·1	27th	102·5	43·6	19th	58·9
April .	89·9	95·6	100·7	104·5	29·2	75·3	28th	113·0	48·6	1st	64·4
May . .	98·0	101·5	107·3	111·4	25·3	86·1	31st	115 0	36·6	1st	78·4
June . .	94·4	95·4	99·3	104·1	17·8	86·3	1st & 11th	112·5	33·1	23rd	79·4
July . .	81·1	82·2	84·1	88·6	11·3	77·3	1st	101·0	29·1	16th	71·9
August .	79·4	80·4	82·1	85·3	9·5	75·8	19th	88·4	14 5	3rd, 15th & 16th.	73·9
September .	80·7	83·2	85·5	89·1	14·6	74·5	30th	94·0	23·1	21st, 22nd & 26th.	70·9
October .	79·2	84·5	86·5	93·2	25·1	68·1	7th & 8th	97·5	38·6	31st	58·9
November .	71·0	76·3	79·0	86·0	29·1	56·9	3rd & 5th	90·4	39·5	28th	50·9
December .	66·1	71·8	75·6	82·2	30·4	51·8	9th & 11th	87·4	39·5	20th & 27th.	47·9
Year . .	79·2	82·5	87·1	91·5	23·1	68·4	...	115·0	73·1	...	41·9

32. ALLAHABAD (*corrected*).

Month.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January .	59·3	50·9	62·5	70·1	56·4	71·1	22·0	49·1	4th	79·3	37·5	17th	41·8
February .	64·2	50·8	68·8	79·4	60·3	79·9	31·6	48·3	28th	89·4	50·3	9th	39·1
March .	77·0	62·5	82·5	92·4	72·9	92·9	32·4	60·5	27th	98·4	44·7	19th	53·7
April .	86 1	71·6	92·8	101·0	81·7	102·2	32·0	70·2	27th & 29th.	110·6	52·9	1st	57·7
May . .	93·3	82·2	97·5	104·9	89·7	105·9	25·3	80·6	20th	111·8	36·1	5th	75·7
June . .	92·4	84·5	94·8	101·1	90·2	103·3	20·1	83·2	6th	110·5	36·1	23rd	74·4
July . .	83·7	79·7	85·5	88·4	81·8	90·7	12·4	78·3	19th	96·7	21·8	4th	74·9
August .	82·0	78·9	84·3	85·5	80·2	87·9	10·1	77·8	18th & 20th.	92·4	17·8	28th	74·6
September .	82·7	77·2	86·2	88·7	80·1	91·2	14·9	76 3	15th	95·0	24·4	24th & 25th.	70·6
October .	77·1	67·6	82·8	87·6	72·6	88·8	22·2	66·6	8th	96·9	40·0	30th	56·9
November .	67·8	56·3	74·5	81·1	62·7	82·4	27·4	55·0	3rd	86·8	39·1	25th & 27th.	47·7
December .	61·7	49·1	68·0	76·1	57·0	77·3	30·0	47·3	11th & 12th.	81·3	39·7	27th	41·6
Year . .	77·3	67·6	81·7	88·0	73·8	89·5	23·4	66·1	...	111·8	82·7	...	39·1

33. BENARES (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January .	60·5	62·7	69·9	71·4	21·9	49·5	5th	79·8	38·3	1st	41·5
February .	65·3	69·9	79·7	80·7	31·6	49·1	27th	90·3	50·1	11th	40·2
March .	77·1	82·4	92·0	93·4	32·7	60·7	26th	98·6	43·6	7th	55·0
April .	85·5	91·3	100·4	102·2	32·5	69·7	25th	110·2	53·6	2nd	56·6
May .	91·5	94·8	102·3	104·1	23·8	80·3	20th	112·4	39·0	28th	73·4
June .	89·8	91·0	97·8	100·7	18·9	81·8	28th	109·0	34·2	15th	74·8
July .	83·7	84·9	88·1	91·9	12·7	79·2	23rd	98·8	22·8	12th	76·0
August .	82·5	83·6	85·8	88·7	10·7	78·0	18th	93·8	18·7	15th	75·1
September	82·7	85·5	87·9	91·5	14·9	76·6	9th	95·3	25·5	26th	69·8
October .	77·2	81·0	86·3	88·3	20·5	67·8	8th	96·8	38·7	25th & 26th.	58·1
November	68·3	73·4	79·9	81·9	26·5	55·4	9th	85·9	37·4	26th	48·5
December	61·5	66·5	74·3	76·0	28·1	47·9	12th	78·3	35·8	20th	42·5
Year .	77·1	80·6	87·0	89·2	22·9	66·3	...	112·4	72·2	...	40·2

34. GHAZIPUR (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January .	59·7	64·1	67·8	68·6*	17·1	51·5	6th & 30th.	75·0	30·8	1st	44·2
February .	64·4	70·0	76·8	78·0	26·1	51·9	27th	87·1	43·8	9th	43·3
March .	76·1	83·3	89·5	90·6	27·9	62·7	11th	95·3	37·2	8th	58·1
April .	83·7	91·7	97·8	100·0	30·5	69·5	25th	108·5	47·5	4th	61·0
May .	89·2	94·8	99·4	102·7	23·7	79·0	20th	111·0	38·8	28th & 29th.	72·2
June .	86·6	88·8	93·2	94·1	14·1	80·0	9th to 11th.	101·1	26·1	22nd	75·0
July .	83·7	86·7	87·7	90·2†	10·5	79·7	19th	96·1	19·8	12th	76·3
August .	82·7	85·6	86·6	87·8	9·1	78·7	18th	94·0	19·8	15th	74·2
September	82·1	86·9	87·4	90·8‡	14·0	76·8	10th	94·8	24·9	27th	69·9
October .	77·0	83·1	84·3	87·0	17·3	69·7	8th	98·6	37·8	29th	60·8
November	68·4	76·0	78·2	79·3‡	20·8	58·5	9th	83·2	30·3	15th	52·9
December	61·6	69·6	72·4	74·0	23·3	50·7*	26th	78·7	32·1	27th	46·6
Year .	76·3	81·7	85·1	86·9	19·5	67·4	...	111·0	67·7	...	43·3

* Mean of 30 days. † Mean of 25 days. ‡ Mean of 29 days.

35. KATMANDU (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January .	45·4	51·3	54·9	67·2	31·4	35·8	9th	75·7	46·9	4th	28·8
February .	49·9	57·6	63·7	73·0	37·0	36·0	27th	80·7	54·2	10th	26·5
March .	58·0	67·5	72·7	81·4	38·1	43·3	21st	87·7	51·7	18th, 21st & 22nd.	36·0
April .	63·4	72·9	76·1	84·4	33·8	50·6	23rd	92·2	49·6	4th	42·6
May .	69·8	77·9	78·7	87·7	26·9	60·8	19th	95·2	46·0	2nd	49·2
June .	71·5	78·9	78·6	87·0	22·6	64·4	8th, 9th & 11th.	91·7	32·9	6th	58·8
July .	73·5	80·4	79·6	88·7	21·3	67·4	13th	93·7	28·9	20th	64·8
August .	72·5	78·4	78·6	86·2	19·9	66·3	30th	92·7	28·9	16th	63·8
September	71·1	79·2	77·0	89·1	23·9	65·2	14th	94·7	36·9	30th	57·8
October .	65·2	72·1	74·4	85·0	29·1	55·9	6th	92·2	49·6	28th	42·6
November	57·6	62·7	70·9*	82·6	38·3	44·3	19th	87·7	52·7	30th	35·0
December	47·5	54·7	61·6	77·7†	44·3	33·4†	5th & 6th	82·2	56·8	26th	25·4
Year .	62·1	69·5	72·2	82·5	30·6	52·0	...	95·2	69·8	...	25·4

36. SIBSAGAR (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January .	58·4	58·8	64·5	65·9	15·6	50·3	15th	73·2	33·1	25th	40·1
February .	62·6	63·2	71·0	72·4	20·5	51·9	23rd & 27th.	79·6	35·4	12th	44·2
March .	69·0	69·5	75·5	77·7	16·5	61·2	9th	84·2	27·8	9th	56·4
April .	75·1	76·5	82·4	84·4	18·5	65·9	21st	94·0	33·9	2nd	60·1
May .	81·8	83·0	86·8	89·1	15·2	73·9	23rd	95·6	27·5	2nd	68·1
June .	82·6	82·9	86·4	88·6	12·3	76·3	11th	94·6	23·5	2nd	71·1
July .	85·4	85·4	91·0	91·8	13·5	78·3	12th	97·2	21·7	24th	75·5
August .	82·9	83·8	87·1	89·0	11·9	77·1	17th	94·0	19·5	22nd	74·5
September	83·4	83·9	87·7	89·2	11·7	77·5	9th & 11th.	95·6	22·1	2nd	73·5
October .	77·6	79·8	82·5	84·0	13·4	70·6	4th	89·6	28·3	31st	61·3
November	68·7	70·2	76·4	78·4	18·9	59·5	13th	81·6	30·4	30th	51·2
December	60·9	62·0	70·2	71·7	24·3	47·4	1st	74·1	29·4	27th	44·7
Year .	74·0	74·9	80·1	81·9	16·0	65·8	...	97·2	57·1	...	40·1

* Mean of 29 days. † Mean of 30 days.

37. TEZPUR (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January .	59·4	64·8	63·1	67·8	16·9	50·9	1st	74·5	30·6	26th	43·9
February .	64·8	69·9*	68·3*	76·4	23·3	53·1	23rd, 24th & 28th.	83·4	37·4	12th	46·0
March .	71·0	75·9	77·3	81·5	21·1	60·4	4th & 6th	87·4	33·4	13th	54·0
April . .	75·9	79·1	83·2	86·3	20·9	65·4	21st	96·4	35·4	2nd	61·0
May . .	80·8	84·0	84·6	89·7	17·8	71·9	23rd	95·9	29·9	3rd	66·0
June . .	80·4	81·1	83·2	87·4	14·0	73·4	8th & 9th	92·4	23·4	2nd	69·0
July . .	83·0	85·1	87·5	91·0	16·0	75·0	17th, 18th & 26th.	95·4	22·5	3rd & 21st	72·9
August .	81·6	83·4	85·0	88·5	13·9	74·6	17th & 18th	93·4	21·5	31st	71·9
September .	82·0	86·8	87·0	90·6	17·2	73·4	10th & 12th	95·4	24·5	11th	70·9
October .	77·2	82·8	81·2	84·6	14·8	69·8	9th	92·4	31·4	31st	61·0
November .	68·2	77·3	76·7	78·3	20·2	58·1	14th	81·4	28·4	27th	53·0
December .	61·1	70·2	69·0	71·6	21·1	50·5	9th	74·5	25·5	26th, 27th & 29th.	49·0
Year . .	73·8	78·4	78·8	82·8	18·1	64·7	...	96·1	52·2	...	43·9

* Mean of 27 days.

38. DHUBRI (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January .	60·9	60·9	68·7	70·2	17·2	53·0	6th	76·0	28·5	17th	47·5
February .	65·4	65·5	76·5	78·0	23·7	54·3	22nd	85·1	41·2	11th	43·9
March .	73·8	74·3	83·6	85·2	21·3	63·9	5th	91·2	34·8	21st	56·4
April . .	77·5	78·9	85·0	86·2	16·3	69·9	23rd & 24th	92·3	27·4	6th	64·9
May . .	79·2	80·9	84·1	86·9	12·7	74·2	24th	93·1	27·6	1st	65·5
June . .	78·2	79·3	80·7	83·2	7·6	75·6	10th	90·1	17·8	6th	72·3
July . .	82·7	83·6	86·6	88·0	9·2	78·8	18th	92·9	16·6	5th	76·3
August .	80·9	82·5	84·3	86·7	9·2	77·5	18th	90·5	15·2	15th	75·3
September .	80·7	81·8	84·3	86·7	9·6	77·1	14th	91·1	19·8	5th	71·3
October .	77·8	79·9	83·2	85·2	12·8	72·4	7th	91·1	15·2	25th	65·9
November .	72·1	73·7	80·2	81·5	17·5	64·0†	13th	84·4	26·8	29th	57·6
December .	64·1	65·2	74·3	76·0	22·2	53·8	1st	78·3	27·0	24th	51·3
Year . .	74·4	75·5	81·0	82·8	14·9	67·9	...	93·1	49·2	...	43·9

† Mean of 29 days.

39. TURA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January .	59·3	62·6	65·2	68·7	15·3	53·4	14th	73·4	27·6	24th	45·8
February .	64·2	69·1	73·6	76·1	21·3	54·8	20th & 21st	82·8	38·4	10th	44·4
March .	?	76·2*	79·9	83·2	?	Untrustworthy.	25th	87·2	?	...	Untrustworthy.
April . .	?	80·1	83·7	86·9	?		6th	89·8	?	...	
May . .	?	81·6	83·3	86·4	?		23rd	91·6	?	...	
June . .	?	80·1	80·6	83·3	?		18th	87·4	?	...	
July . .	?	80·7	81·8	85·7	?		17th	89·4	?	...	
August .	?	79·7	80·7	84·5	?		17th	89·8	?	...	
September .	?	79·8	80·8	84·7	?		10th	91·4	?	...	
October .	?	77·1	78·8	82·5	?		6th	88·7	?	...	
November .	?	73·5	75·8	78·9	?		5th	81·2	?	...	
December .	?	67·8	71·4	74·3	?		2nd	78·6	?	...	
Year . .	?	75·7	78·0	81·3	?	?	...	91·6	?	...	?

* Mean of 30 days.

40. SILCHAR (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January .	61·7	62·9	71·7	73·9	22·1	51·8	13th	80·4	35·0	2nd	45·4
February .	66·5	68·8	79·5	81·0	28·0	53·0	27th & 28th.	87·3	41·8	11th & 12th	45·5
March .	73·1	74·4	81·8	83·8	19·6	64·2	10th	91·7	32·8	20th & 21st	58·9
April . .	78·5	80·5	88·2	89·9	21·9	68·0	3rd	95·2	33·8	1st	61·4
May . .	82·5	85·1	88·7	91·5	17·2	74·3	23rd	101·6	33·5	1st	68·1
June . .	81·2	83·8	84·6	88·3	12·8	75·5	19th	95·8	25·5	7th	70·3
July . .	84·1	85·8	90·0	92·9	15·7	77·2	22nd	97·8	23·5	15th	74·3
August .	82·3	83·4	87·3	89·8	13·4	76·4	17th	96·0	21·7	10th	74·3
September .	83·1	84·7	88·4	91·2	14·7	76·5	9th	101·3	27·8	26th & 27th	73·5
October .	79·9	82·2	86·5	89·5	17·6	71·9	4th	96·6	32·1	30th	64·5
November .	74·4	77·7	83·7	86·1	22·2	63·9	14th	88·8	32·5	30th	56·3
December .	66·0	69·2	78·4	81·3	29·1	52·2	5th	87·0	39·5	16th, 24th & 25th.	47·5
Year . .	76·1	78·2	84·1	86·6	19·5	67·1	...	101·6	56·2	...	45·4

41. DARJEELING (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January .	34·7	36·4	36·8	39·4	8·1	31·3	15th	45·2	23·3	24th	21·9
February .	40·0	42·3	43·8*	47·5†	13·2	34·3	26th	59·2	37·3	10th	21·9
March .	47·6	50·1	51·5	55·2	13·1	42·1	8th	59·9	20·8	27th	39·1
April . .	52·7	54·8	56·3‡	59·6	12·4	47·2	22nd	65·8	25·0	6th	40·8
May . .	57·5	59·7	60·2§	63·5	10·6	52·9	24th	71·9	25·6	4th	46·3
June . .	58·9	60·4	61·4†	64·2	8·9	55·3	9th	68·5	16·8	6th	51·7
July . .	61·4	63·6	63·5‖	66·5	9·0	57·5	2nd	70·2	14·6	7th	55·6
August .	59·8	61·1	61·8‡	64·5	8·0	56·5†	1st	71·0	17·1	16th	53·9
September .	59·6	61·4	62·1†	65·2	9·6	55·6	13th	70·1	17·3	5th	52·8
October .	53·7	56·4	56·0†	59·8	10·9	48·9	5th	68·2	25·1	31st	43·1
November .	48·3	52·0‡	50·8§	54·9‡	12·3	42·6‡	5th	57·6	17·9	26th	39·7
December .	42·6	46·0	46·0	49·4	12·8	36·6	3rd	56·8	22·8	15th	34·0
Year . .	51·4	53·7	54·2	57·5	10·7	46·7	...	71·9	50·0	...	21·9

42. PEDONG (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January .	43·6	47·8	46·7	51·2	10·8	40·4	2nd	59·1	27·7	23rd	31·4
February .	48·0	54·4†	53·4*	59·4†	16·8	42·6†	21st & 23rd	67·4	34·4	10th	33·0
March .	55·6	61·3	61·8	67·4‖	18·1	49·3‖	8th	71·8	25·4	11th & 28th	46·4
April . .	60·7	66·4§	66·7*	72·2§	17·6	54·6	23rd	76·8	29·8	10th	47·0
May . .	65·3	69·3	69·7‡	73·7‖	12·8	60·9‡	24th	82·0	29·5	3rd	52·5
June . .	66·6	68·8‡	70·1§	74·0‡	10·9	63·1	9th	79·0	19·5	5th	59·5
July . .	67·9	71·7	70·8‖	76·0‡	11·1	64·9‖	27th	80·6	17·7	19th	62·9
August .	66·9	68·9‡	69·9‡	73·6‡	9·8	63·8‖	18th	79·8	18·8	16th	61·0
September .	67·1	70·9	70·7	75·1	11·7	63·4	10th	81·0	20·8	5th	60·2
October .	60·8	66·8§	65·2§	71·2‡	14·9	56·3‖	5th & 6th	77·0	29·1	28th	47·9
November .	55·0	62·2‡	60·1	66·8	16·9	49·9	14th	69·2	22·7	27th & 29th.	46·5
December .	48·8	56·0	54·5	61·0	18·0	43·0‖	3rd	65·2	24·6	18th	40·6
Year . .	58·9	63·7	63·3	68·5	14·1	54·4	...	82·0	50·6	...	31·4

* Mean of 26 days. † Mean of 27 days. ‡ Mean of 29 days. § Mean of 28 days. ‖ Mean of 30 days.

43. MONGPOO (*corrected*).

Month.	Mean.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January .	48·2	54·0	11·6	42·4	1st & 2nd	58·0	19·5	23rd	38·0
February .	54·7	60·5	11·6	48·9	22nd	68·5	28·0	10th	40·5
March .	62·3	68·7	12·8	55·9	9th	71·5	19·0	28th	52·5
April . .	65·2	72·6	14·2	58·4	19th	77·0	23·0	10th	54·0
May . .	70·4	75·3	9·8	65·5	23rd & 24th	83·0	24·0	4th	59·0
June . .	70·5	74·8	8·6	66·2	9th	81·5	18·5	3rd	63·0
July . .	73·6	78·3	9·4	68·9	12th, 18th, 21st 23rd & 27th.	80·5	13·0	5th to 7th, 14th & 15th.	67·5
August .	72·2	77·3	10·2	67·1	17th & 18th	79·5	14·5	10th, 15th & 16th.	65·0
September .	71·6	75·9	8·6	67·3	10th	82·5	18·5	5th	64·0
October .	67·6	72·1	8·9	63·2	6th	77·0	22·5	28th	54·5
November .	61·7	67·5	11·6	55·9	1st & 12th	69·5	17·0	28th & 29th	52·5
December .	55·0	61·3	12·6	48·7	1st to 3rd	64·0	17·0	12th, 16th, 17th & 23rd.	47·0
Year . .	64·4	69·9	10·8	59·0	...	83·0	45·0	...	38·0

44. PURNEAH (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January .	59·5	61·0	68·6	69·4	20·5	48·9	5th, 6th & 15th.	73·2	31·3	1st	41·9
February .	63·6	66·8	76·2	76·9	28·2	48·7	22nd & 28th	87·2	49·3	11th	37·9
March .	75·7	79·0*	87·6	88·5	28·8	59·7	26th	93·2	42·4	21st	50·8
April . .	82·4	85·5	92·4	93·8	24·6	69·2	22nd & 24th	99·3	37·6	1st & 2nd	61·7
May . .	86·4	89·0	93·5	95·3	18·6	76·7	24th	104·5	39·8	1st	64·7
June . .	82·4	84·5	86·6	88·5	12·0	76·5	9th	94·2	24·6	7th	69·6
July . .	84·8	86·7	88·4	89·6	11·5	78·6	17th, 18th & 27th.	93·2	18·6	1st & 30th	75·6
August .	82·5	83·5	85·7	87·1	9·8	77·3	21st	92·2	18·6	14th & 15th	73·6
September .	82·8	84·3	86·8	88·1	11·5	76·6	9th & 10th	93·2	22·6	5th	70·6
October .	78·3	81·8†	84·5†	85·5†	15·4	70·1†	6th & 7th	91·2	32·5	25th & 28th	58·7
November .	71·1	74·6	80·5	80·9	21·5	59·4	2nd, 3rd & 15th.	82·6	30·8	30th	51·8
December .	62·2	65·6	74·0	74·6	26·2	48·4	1st	77·2	33·8	30th	43·4
Year . .	76·0	78·5	83·7	84·9	19·0	65·8	...	104·5	66·6	...	37·9

* Mean of 30 days. † Mean of 29 days.

45. DURBHUNGA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maximā.	Mean daily range.	Mean of Minimā.	HIGHEST MAXIMUM. Day.	o	Absolute range.	LOWEST MINIMUM. Day.	o
January .	60·3	61·2	67·7	69·6	17·1	52·5	5th & 6th	73·9	27·6	24th	46·3
February .	64·1	65·3	74·9	75·9	23·2	52·7	28th	84·9	41·2	10th	43·7
March .	75·3	77·2	86·5	87·3	24·5	62·8	26th	90·4	33·8	20th	56·6
April . .	81·7	83·4	91·2	93·1	22·6	70·5	24th & 25th	98·9	38·0	4th	60·9
May . .	85·0	85·6	92·4	94·7	17·6	77·1	18th	102·9	37·0	1st	65·9
June . .	82·8	83·3	87·6	89·5	11·9	77·6	9th	95·2	22·9	3rd	72·3
July . .	84·8	85·8	87·9	90·1	10·0	80·1	19th & 23rd	93·2	16·4	6th	76·8
August .	82·5	82·5	85·7	87·9	9·1	78·8	18th	93·2	17·9	15th	75·3
September .	83·0	83·7	86·2	88·4	9·9	78·5	9th & 10th	92·9	18·6	5th	74·3
October .	78·9	80·2	84·4	85·8	13·5	72·3	7th	91·2	28·3	25th	62·9
November .	71·8	74·2	80·1	81·2	18·9	62·3	1st, 2nd & 16th.	82·9	25·5	25th, 26th, 29th & 30th.	57·4
December .	63·9	65·4	73·3	74·3	20·8	53·5	1st	77·4	29·3	30th	48·1
Year . .	76·2	77·3	83·2	84·8	16·6	68·2	...	102·9	59·2	...	43·7

46. PATNA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maximā.	Mean daily range.	Mean of Minimā.	HIGHEST MAXIMUM. Day.	o	Absolute range.	LOWEST MINIMUM. Day.	o
January .	60·6	63·4	68·0	70·8	19·8	51·0	6th	78·3	35·0	24th	43·3
February .	64·8	68·1	76·4	78·0	27·1	50·9	22nd	87·4	43·7	11th	43·7
March .	76·8	80·4	88·1	89·7	26·9	62·8	25th	94·8	37·1	20th	57·7
April . .	85·0	88·8	95·6	97·8	27·2	70·6	22nd	104·9	43·6	3rd	61·3
May . .	88·2	90·3*	96·2†	98·2†	20·1	78·1*	18th	109·6	39·9	1st	69·7
June . .	84·9	86·5	89·2	91·6	12·6	79·0	11th	97·9	22·5	1st	75·4
July . .	84·6	86·3	86·9	90·6	10·6	80·0	19th	94·4	17·4	6th	77·0
August .	83·7	84·8	86·3	88·5	9·2	79·3	18th	92·9	19·3	15th	73·6
September .	83·8	85·5	86·7	91·0	12·8	78·2	14th & 15th	97·0	23·8	25th	73·2
October .	79·2	82·3	84·9	87·9	16·8	71·1	8th	95·0	31·7	25th	63·3
November .	71·5	76·2	79·9	82·7	22·8	59·9	1st & 8th	87·4	34·5	25th	52·9
December .	63·4	67·2	72·4	75·3	24·0	51·3	2nd	78·1	32·3	21st	45·8
Year . .	77·2	80·0	84·2	86·8	19·2	67·7	...	109·6	66·3	...	43·3

* Mean of 30 days.
† „ „ 29 „

47. GYA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maximā.	Mean daily range.	Mean of Minimā.	HIGHEST MAXIMUM. Day.	o	Absolute range.	LOWEST MINIMUM. Day.	o
January .	63·3	66·8	70·5	72·7	19·6	53·1	6th	80·7	35·8	1st & 2nd	44·9
February .	68·8	72·6	79·2	80·9	25·4	55·5	25th	89·0	41·8	3rd	47·2
March .	80·6	85·0	91·3	92·9	26·0	66·9	26th	98·7	38·6	7th	60·1
April . .	88·3	93·3	98·8	100·4	26·2	74·2	25th	107·6	41·1	2nd	66·5
May . .	92·8	95·9	100·7	102·5	21·3	81·2	15th	111·0	37·2	4th	73·8
June . .	88·1	89·5	93·6	94·4	13·2	81·2	6th	101·9	27·1	20th	74·8
July . .	85·5	87·2	90·7	91·3	12·3	79·0	20th	95·0	18·0	15th, 21st & 29th.	77·0
August .	84·1	85·7	88·4	89·3	11·2	78 1	29th	94·0	18·2	3rd, 15th & 23rd.	75·8
September .	84·8	87·3	89·4	90·1	12·7	77·4	9th	93·4	20·6	24th	72·8
October .	80·4	84·3	87·3	88·5	18·9	69·6	7th	94·7	34·0	25th & 28th	60·7
November .	71·9	77·7	81·5	83·0	25·0	58·0	9th	86·8	33·8	15th & 26th	53·0
December .	64·2	69·0	74·5	76 3	25·8	50·5	4th	79·7	33·4	22nd	46·3
Year . .	79·4	82·9	87·2	88·5	19·8	68·7	...	111·0	66·1	...	44·9

48. HAZARIBAGH (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maximā.	Mean daily range.	Mean of Minimā.	HIGHEST MAXIMUM. Day.	o	Absolute range.	LOWEST MINIMUM. Day.	o
January .	58·8	63·1	66·2	69·7	19·5	50·2	6th	77·9	35·5	23rd	42·4
February .	64·0	70·1	75·1	77·4	25·1	52·3	27th	85·6	44·7	10th	40·9
March .	75·6	80·7	86·8	89·0	25·8	63·2	13th	94·3	34·7	7th & 8th	59·6
April . .	83·1	89·5	92·9	96·8	26·1	70·7	29th	105·0	42·2	9th	62·8
May . .	85·5	89·9	93·1	96·6	21·3	75·3	15th	106·3	42·5	4th	63·8
June . .	81·1	85·7	84·1	90·4	15·5	74·9	3rd	99·0	27·3	29th	71·7
July . .	77·8	79·6	80·9	84·6	11·5	73·1	20th	88·5	17·8	15th	70·7
August .	77·4	78·9	80·5	83·4	11·1	72·3	16th	87·3	16·8	25th	70·5
September .	77·0	79·6	80·8	84·9	13·9	71·0	19th	90·3	24·0	25th	66·3
October .	73·9	78·6	79·3	83·2	17·4	65·8	7th	89·7	30·9	27th	58·8
November .	67·4	72·9	74·9	78 0	20·5	57·5	9th	82·2	30·4	14th	51·8
December .	60·8	65·8	69·5	72·1	21·8	50·3	22nd	74·6	29·3	21st	45·3
Year . .	73·5	77·9	80·3	83·8	19·1	64·7	...	106·3	65·4	...	40·9

49. BERHAMPORE (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	62·4	64·4	71·7	73·3	19·8	53·5	6th	81·6	35·5	24th	46·1
February	66·5	69·9	79·8	80·4	26·8	53·6	28th	89·6	42·5	2nd & 11th.	47·1
March	76·7	80·3	88·6	89·6	23·5	66·1	25th	95·7	35·5	7th & 23rd.	60·2
April	82·2	85·9	94·3	95·4	22·8	72·6	22nd	103·2	38·0	5th	65·2
May	83·0	86·8	91·7	94·8	18·2	76·6	18th	105·2	37·0	4th	68·2
June	82·4	85·1	87·7	91·5	13·2	78·3	11th	94·7	21·9	6th	72·8
July	82·2	84·1	86·0	89·0	10·4	78·6	17th	93·6	17·3	1st & 3rd	76·3
August	81·9	84·1	85·5	88·3	9·7	78·6	17th	92·2	16·7	3rd	75·5
September	82·1	84·1	85·7	88·5	9·9	78·6	10th	92·7	18·9	25th	73·8
October	78·7	82·1	84·0	86·7	13·3	73·4	6th	92·2	29·5	27th	62·7
November	72·5	75·4	80·5	82·6	18·3	64·3	10th, 17th & 18th.	84·6	24·4	12th & 26th.	60·2
December	65·0	68·0	74·7	76·3	21·3	55·0	2nd	79·6	28·9	31st	50·7
Year	76·3	79·2	84·2	86·4	17·3	69·1	...	105·2	59·1	...	46·1

50. BURDWAN (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	64·3	67·4	74·4	76·6	22·9	53·7	6th	83·8	37·7	24th	46·1
February	67·9	72·4	81·2	83·1	28·7	54·4	28th	91·8	45·6	2nd & 12th.	46·2
March	78·6	83·2	90·8	93·3	26·2	67·1	25th	98·5	37·6	7th	60·9
April	82·7	86·4	94·4	97·5	23·8	73·7	20th	104·1	37·2	14th	66·9
May	83·9	87·9	92·2	95·9	18·3	77·6*	18th	107·0	39·6	4th	67·4
June	83·1	86·3	87·8	93·5	14·2	79·3	7th	96·7	21·3	29th	75·4
July	82·1	84·5	85·2	90·2	11·1	79·1	17th & 18th.	93·6	16·7	25th	76·9
August	82·2	84·6	86·1	89·9	11·2	78·7	17th	93·9	18·0	2nd	75·9
September	82·3	85·2	85·6	89·9	11·4	78·5	9th	94·6	19·0	25th	75·6
October	78·6	82·4	84·2	87·9	15·2	72·7	6th & 7th	93·4	28·0	27th & 28th.	65·4
November	72·6	76·5	80·8	83·3	19·9	63·4	10th	87·0	28·6	14th	58·4
December	65·8	69·7	75·7	78·0	23·3	54·7	2nd	81·5	32·2	30th	49·3
Year	77·0	80·5	84·9	88·3	18·9	69·4	...	107·0	60·9	...	46·1

* Mean of 30 days.

51. JESSORE (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	63·4	67·5	72·5	75·6	22·8	52·8	6th	82·6	38·2	24th	44·4
February	67·7	72·9	80·3	82·6	28·5	54·1	25th	90·5	46·4	11th	44·1
March	78·3	82·2	89·2	91·7	23·4	68·3	25th	98·3	36·0	27th	62·3
April	82·9	87·7	92·9	96·0	21·9	74·1	22nd	104·6	37·1	7th & 9th	67·5
May	82·8	86·7	89·8	93·4	16·0	77·4	23rd	99·2	31·4	4th	67·8
June	83·2	87·2	87·3	91·5	12·5	79·0	6th	95·3	20·7	1st, 2nd & 5th.	74·6
July	82·4	84·6	85·7	89·2	10·2	79·0	17th	94·1	17·1	6th	77·0
August	82·2	85·4	85·3	89·5	11·0	78·5	25th	92·8	15·9	7th	76·9
September	82·7	85·7*	86·4*	90·1*	11·7	78·4*	9th	95·1	23·1	25th	72·0
October	79·2	83·3	84·2	87·8	14·3	73·5	1st	93·1	29·4	29th	63·7
November	73·2	78·0	80·6	84·2	20·1	64·1	9th & 10th.	86·5	32·9	28th	53·6
December	65·5	70·5	74·7	78·6	24·4	54·2	2nd	82·7	35·0	31st	47·7
Year	77·0	81·0	84·1	87·5	18·1	69·5	...	104·6	60·5	...	44·1

52. DACCA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	64·5	67·6	72·6	75·1	21·1	54·0	6th	80·8	33·3	25th	47·5
February	69·5	72·7	80·2	81·9	26·3	55·6	24th	89·1	42·1	11th	47·0
March	78·1	80·5	86·4	88·9	20·4	68·5	25th	95·3	32·4	27th	62·9
April	82·9	85·8	90·1	92·6	19·1	73·5	28th	95·1	29·2	1st	65·9
May	83·9	86·2	88·2	91·1	13·8	77·3	23rd	98·2	29·4	3rd	68·8
June	83·1	84·9	84·8	90·1	11·7	78·4	4th	93·1	20·0	5th	73·1
July	83·2	84·5	85·2	88·6	9·5	79·1	17th	92·0	15·2	15th	76·8
August	83·5	84·8	84·9	88·4	9·5	78·9	17th	92·4	18·2	16th	74·2
September	84·0	85·5	86·2	89·3	10·2	79·1	9th	94·2	21·5	25th	72·7
October	83·7	84·0	84·4	87·4	13·8	73·6	6th	93·0	27·1	26th & 27th.	65·9
November	78·5	81·2	83·6	87·9	17·9	63·7	22nd	85·2	26·7	30th	58·5
December	67·7	70·8	76·2	78·7	23·1	55·6	1st	84·0	33·4	30th	50·6
Year	78·0	80·4	83·4	86·3	16·4	69·9	...	98·2	51·2	...	47·0

* Mean of 29 days.

53. CHITTAGONG (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January .	65·7	68·1	72·9	76·1	21·2	54·9	13th	82·4	34·4	24th	48·0
February .	68·9	72·2	76·9	80·6	24·4	56·2	24th	86·9	38·2	12th	48·7
March .	76·5	80·0	81·2	84·0	15·6	68·4	20th	90·7	29·3	1st	61·4
April .	82·1	86·2	86·8	89·6	16·8	72·8	18th	92·4	29·2	2nd	63·2
May . .	83·2	86·1	86·6	89·1	12·4	76·7	2nd	95·9	26·1	4th	69·8
June . .	81·7	83·7	84·1	86·6	9·8	76·8	11th	92·4	21·8	5th	70·6
July . .	80·8	82·8	82·8	85·8	9·5	76·3	3rd	90·7	16·9	18th	73·8
August .	80·8	83·1	82·6	85·9	9·6	76·3	16th.	92·6	18·6	9th	74·0
September .	81·3	83·9	83·6	86·6	10·5	76·1	7th	91·5	20·8	25th	70·7
October .	79·6	82·9	83·7	87·4	14·9	72·5	6th	91·3	25·8	26th	65·5
November .	74·9	78·3	79·5	83·8	17·6	66·2	17th	87·1	27·0	26th	60·1
December .	67·9	71·3	74·8	78·8	22·3	56·5	1st	83·1	29·4	31st	53·7
Year . .	77·0	79·9	81·3	84·5	15·4	69·1	...	95·9	47·9	...	48·0

54. DEMAGIRI (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January .	63·8	61·6	71·2	72·3	15·9	56·4	13th	77·8	29·2	25th	48·6
February .	65·8	64·1	75·9	76·9	21·3	55·6	27th	82·5	34·9	12th	47·6
March .	73·5	73·5	80·1	81·6	14·7	66·9	22nd	85·7	22·5	17th, 20th and 24th.	63·2
April .	79·8	80·5	87·7	88·9	17·0	71·9	25th	92·7	32·6	2nd	60·1
May . .	81·8	87·3	87·0	89·6	13·0	76·6	23rd	95·4	23·9	4th	71·5
June . .	80·4	84·1	84·0	86·9	10·1	76·8	8th	91·1	17·9	1st	73·2
July . .	80·8	83·3	84·5	87·1	10·0	77·1	16th	89·9	14·2	22nd	75·7
August .	79·9	82·0	83·5	85·6*	9·4	76·2	16th	89·9	15·7	8th & 14th	74·2
September .	80·4	82·0	84·3	85·6	9·2	76·4	9th	90·7	17·7	26th	73·0
October .	78·3	79·8	83·3	84·1	10·8	73·3	4th	88·8	19·1	22nd	69·7
November .	74·4	74·3	79·8	80·7	11·8	68·9	10th	84·2	23·0	30th	61·2
December .	66·9	67·2	74·1	75·3	15·7	59·6	1st	79·5	23·6	15th	55·9
Year . .	75·5	76·6	81·3	82·9	13·2	69·6	...	95·4	47·8	...	47·6

* Mean of 30 days.

55A. CALCUTTA (CHOWRINGHEE) (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range	Lowest Minimum. Day.	Lowest Minimum. °
January .	65·4	68·4	74·8	77·4*	21·8	55·6	6th	82·9	35·0	24th	47·9
February .	69·7	74·0	81·6	83·1	25·5	57·6	25th	90·2	42·3	11th	47·9
March .	80·0	83·5	90·0	91·9	20·9	71·0	24th	97·2	33·3	27th	63·9
April .	83·6	88·5	93·4	95·5	21·1	74·4	20th to 22nd.	103·5	34·9	9th	68·6
May .	84·1	88·8	91·4	94·9	17·4	77·5	18th	101·5	37·6	3rd	63·9
June .	83·8	88·2	88·1	92·3	13·3	79·0	7th	97·1	23·9	6th	73·2
July . .	82·0	85·1	85·1	89·1	10·9	78·2	1st	93·4	17·4	10th	76·0
August .	82·3	85·7	85·8	89·8	11·3	78·3	17th	93·2	16·9	2nd	76·3
September .	82·2	84·9	85·5	89·0	10·7	78·3	9th	93·0	17·2	24th	75·8
October .	79·1	83·6	84·5	87·7	15·0	72·7	6th	94·0	30·1	27th	63·9
November .	73·3	77·7	81·0	83·2	19·1	64·1	10th	88·0	2·93	25th	58·7
December .	65·9	69·8	75·8	78·1	23·2	54·9	3rd	81·2	30·2	30th	51·0
Year .	77·6	81·5	84·8	87·7	17·5	70·1	...	103·5	55·6	...	47·9

55B. CALCUTTA (ALIPORE) (*corrected*).

Month.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January .	64·3	56·3	66·6	73·6†	60·7	75·2	20·0	55·2	6th & 7th	81·1	34·0	24th	47·1
February .	68·1	58·4	72·0	80·0	63·4	80·9	23·8	57·1	22nd and 25th.	87·4	39·8	12th	47·6
March .	79·6	72·1	81·7	88·1	75·1	89·6	18·9	70·7	24th	95·4	31·7	27th	63·7
April .	83·4	75·0	86·3	91·3	78·5	93·1	19·0	74·1	21st and 22nd.	102·0	33·8	9th	68·2
May .	85·0	79·0	87·3	89·8	81·4	92·7	15·1	77·6	18th	98·9	33·9	3rd	65·0
June .	84·3	79·9	86·2	86·3	80·9	89·8	11·3	78·5	7th	94·0	21·4	6th	72·6
July . .	82·5	78·9	83·9	83·7	80·3	87·1	8·9	78·2	17th	92·4	16·0	10th and 15th.	76·4
August .	82·9	78·7	84·2	84·1	80·5	87·5	9·4	78·1	17th	90·9	15·0	2nd	75·9
September .	82·4	78·8	83·8	84·0	80·0	87·3	9·0	78·3	9th	91·3	14·7	24th	76·6
October .	78·6	73·5	81·7	83·0	75·0	85·4	12·7	72·7	6th	91·0	27·8	27th	63·2
November .	72·2	65·4	75·8	79·9	68·0	81·1	16·4	64·7	10th	85·0	25·2	25th	59·8
December .	64·7	56·3	68·3	75·1	59·9	76·1	20·0	56·1	1st	78·8	27·5	30th	51·3
Year .	77·3	71·0	79·8	83·2	73·6	85·5	15·4	70·1	...	102·0	54·9	...	47·1

* Mean of 29 days

† Mean of 30 days.

56. SAUGOR ISLAND (*corrected*).

Month.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	67·3	61·7	69·9	73·7	64·0	76·9	17·7	59·2	26th	82·2	31·5	24th	50·7
February	70·6	65·4	73·0	77·6	66·4	81·0	18·8	62·2	22nd	86·2	37·4	11th	48·8
March	80·3	77·2	81·9	83·7	78·4	87·8	11·5	76·3	22nd	95·2	28·3	27th	66·9
April	83·4	79·8	85·9	87·3	80·7	90·4	11·6	78·8	22nd	95·8	23·5	15th	72·3
May	85·4	82·1	88·1	88·7	82·7	91·9	11·2	80·7	23rd & 24th.	96·6	26·0	3rd	70·6
June	85·2	82·7	87·1	87·5	83·4	90·6	8·6	82·0	10th	95·6	17·9	29th	77·7
July	82·8	81·1	83·4	84·7	82·0	87·4*	7·6	79·8	17th	93·5	16·8	18th	76·7
August	83·0	80·6	84·3	85·4	81·7	88·1	8·4	79·7	18th	91·9	16·9	27th	75·0
September	82·9	80·9	84·0	84·8	81·8	88·1	8·2	79·9	9th	92·2	15·6	22nd	76·6
October	79·4	75·6	82·2	83·1	76·7	86·2	11·5	74·7	2nd & 3rd	90·8	24·7	27th	66·1
November	73·5	68·7	76·2	78·7	70·2	81·2	14·0	67·2	11th	83·6	23·2	15th	60·4
December	66·7	60·3	69·9	73·8	62·7	76·2	18·1	58·1	3rd	79·4	26·0	23rd	53·4
Year	78·4	74·7	80·5	82·4	75·9	85·5	12·3	73·2	...	96·6	47·8	...	48·8

* Mean of 30 days.

57. LIGHTSHIP SAND-HEADS (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	...	...	...				Imperfect.				
February	...	74·9†	76·3†				Not recorded.				
March	...	80·3	81·0				Ditto.				
April	...	82·7	83·6				Ditto.				
May	...	85·4‡	86·3‡				Ditto.				
June	...	85·3	85·7				Ditto.				
July	...										
August	...										
September	...						Not received.				
October	...										
November	...										
December	...										
Year	...	...	...	...	...	...	...	...	...	...	...

† Mean of 26 days.
‡ „ „ 24 „

58. CUTTUCK (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	71·9	73·9	82·2	84·9	24·7	60·2†	21st & 26th	87·0	35·1	24th	51·9
February	74·8	77·2	87·1	89·6	27·7	61·9‡	28th	96·8	41·9	3rd	54·9
March	83·3	84·7	92·5	95·5	21·7	73·8	5th	102·1	34·7	5th	67·4
April	87·5	89·9	97·4	100·4†	23·6	76·8	22nd	108·4	37·6	10th	70·8
May	90·1	92·2	97·9*	101·4	20·1	81·3	15th	113·4	42·8	4th	70·6
June	86·0	89·6	89·8	95·0	15·4	79·6	1st	106·4	31·6	19th	74·8
July	83·3	85·6	86·7*	89·2*	10·9	78·3	1st & 8th	96·4	21·6	14th & 18th	74·8
August	83·4	85·8	86·2	89·3	11·2	78·1	5th	93·4	19·2	9th	74·2
September	83·9	86·3	87·5	89·9	11·9	78·0	9th	95·4	20·6	29th	74·8
October	81·5	84·6	86·5	89·5	15·5	74·0	2nd	94·9	28·5	29th	66·4
November	77·0	80·4	84·4	86·2	19·5	66·7	9th	90·9	33·1	15th	57·8
December	70·6	74·0	81·4	82·7	24·9	57·8	31st	86·4	34·0	19th	52·4
Year	81·1	83·7	88·3	91·1	18·9	72·2	...	113·4	61·5	...	51·9

* Mean of 30 days.

59. FALSE POINT (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	68·5	75·2	77·1†	79·1	19·3	59·8	5th	83·7	34·5	24th	49·2
February	70·5	78·2	79·9	82·2	21·1	61·1	22nd	87·4	35·5	11th	51·9
March	78·8	84·1	83·9	86·6	13·0	73·6	6th	90·7	24·7	9th	66·0
April	81·2	86·1	85·8	88·5	12·0	76·5	4th	91·5	22·4	3rd	69·1
May	83·6	87·6	87·7	89·9	10·5	79·4	23rd	94·7	24·8	4th	69·9
June	83·5	87·1	86·9	89·2	9·2	80·0	16th	94·7	20·0	19th & 20th	74·7
July	81·3	84·5	84·7	88·0	9·2	77·8	17th	92·9	18·0	24th	74·9
August	81·6	84·3	84·9	87·0	8·8	78·2	25th	91·4	16·9	9th & 23rd	74·5
September	81·6	84·8	85·6	88·0	10·4	77·6	30th	93·0	19·9	24th	73·1
October	78·9	83·7	84·4	87·0	13·6	73·4	3rd	93·7	28·3	29th	65·4
November	72·0	78·7	79·2	81·8	17·0	64·8	11th	86·4	34·4	14th	52·0
December	65·3	72·9	74·5	77·4	21·3	56·1	8th	79·9	28·9	22nd	51·0
Year	77·2	82·3	82·9	85·3	13·8	71·5	...	94·7	45·5	...	49·2

† Mean of 29 days.
‡ „ „ 27 „

60. SAMBALPUR (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January .	68·1	72·6	80·4	82·0	26·2	55·8	31st	85·7	39·5	24th	46·2
February .	69·8	76·6	86·2	87·5	34·1	53·4	28th	97·5	51·1	11th	46·4
March .	83·0	87·6	97·3	98·6	30·0	68·6	29th	104·7	43·8	5th	60·9
April . .	88·2	91·9	101·3	102·7	27·7	75·0	29th	109·5	46·1	4th	63·4
May . .	94·3	97·1	105·8	107·6	24·8	82·8	15th	113·1	38·2	4th	74·9
June . .	88·1	90·7	94·9	98·1	16·8	81·3	3rd	112·7	37·3	15th	75·4
July . .	80·5	82·3	84·0	86·3	9·4	76·9	1st	97·5	24·5	12th	73·0
August .	80·7	82·3	84·5	86·9	10·1	76·8	17th	91·9	17·8	8th	74·1
September .	81·3	83·6	86·0	88·9	12·3	76·6	8th	92·5	19·1	29th	73·4
October .	78·1	81·8	85·2	87·6	16·7	70·9	4th	91·9	31·7	29th	60·2
November .	72·7	77·9	82·9	84·6	22·2	62·4	9th	89·6	36·8	27th	52·8
December .	66·1	70·3	78·9	80·4	27·1	53·3	31st	85·2	39·3	21st	45·9
Year . .	79·2	82·9	89·0	90·9	21·5	69·5	...	113·1	67·2	...	45·9

61. RAIPUR (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January .	68·2	71·2	79·6	80·7	24·0	56·7	30th	87·7	41·4	24th	46·3
February .	70·5	75·5	85·3	86·3	30·7	55·6	28th	99·4	54·4	10th	45·0
March .	82·6	87·4	96·4	97·8	29·0	68·8	28th	102·9	41·7	7th	61·2
April . .	88·1	92·9	100·6	102·7	27·1	75·6	27th	110·5	42·8	9th	67·7
May . .	95·0	100·4	106·2	109·2	25·4	83·8	9th & 10th	112·7	39·3	5th	73·4
June . .	85·1	88·2	92·3*	95·6	17·7	77·9	3rd	109·9	40·3	11th	69·6
July . .	77·8	79·8	81·6	84·2	10·2	74·0	1st	96·9	27·4	15th	69·5
August .	78·6	79·7	82·7	84·4	9·9	74·5	14th	91·0	19·4	3rd	71·6
September .	79·3	82·2	85·0	87·1	13·5	73·6	9th	91·4	21·7	28th	69·7
October .	76·5	81·0	84·6	86·4	18·0	68·4	2nd	91·2	32·9	28th & 29th.	58·3
November .	71·3	77·3	81·8	83·3	22·6	60·7	9th	88·5	35·9	27th	52·6
December .	65·2	70·2	76·7	78·2	24·5	53·7†	31st	82·0	32·6	21st	49·4
Year . .	78·2	82·2	87·7	89·7	21·1	68·6	...	112·7	67·7	...	45·0

* Mean of 29 days.
† „ „ 30 „

62. NAGPUR (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January .	69·6	73·1	82·3	83·8	26·9	56·9	25th	90·7	42·6	22nd & 23rd.	48·1
February .	72·6	76·4	88·4	89·6	32·8	56·8	28th	102·3	55·8	and	46·2
March .	83·1	88·7	98·1	100·0	32·0	68·0	28th	105·4	45·1	6th & 8th	60·3
April . .	88·7	95·5	101·9	104·8	29·4	75·4	28th	111·1	42·9	4th	68·2
May . .	94·6	101·4	106·2	110·2	27·2	83·0	30th	114·4	40·1	6th	74·3
June . .	83·7	86·8	90·0	96·0	18·7	77·3	1st	111·0	40·9	12th	70·1
July . .	77·4	79·0	80·9	84·0	10·1	73·9	1st	95·1	25·3	16th	69·8
August .	77·9	79·4	82·1	84·6	10·9	73·7	13th	89·7	18·6	26th	71·1
September .	78·2	82·0	83·7	88·1	15·4	72·7	25th	92·2	23·0	28th	69·2
October .	76·2	81·7	85·3	87·5	20·4	67·1	7th	93·1	34·5	29th	58·6
November .	71·3	77·1	82·0	83·7	23·2	60·5	10th	88·6	39·0	26th	49·6
December .	66·2	70·5	78·6	79·6	25·8	53·8	31st	82·2	34·8	21st	47·4
Year . .	78·3	82·6	88·3	91·0	22·7	68·3	...	114·4	68·2	...	46·2

63 SEONI (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January .	64·2	69·3	75·4	78·1	25·2	52·9	25th & 30th.	84·3	41·8	22nd	42·5
February .	66·5	74·7	81·5	84·5	33·0	51·5	28th	96·9	55·3	8th	41·6
March .	77·5	85·4	91·2	95·0	31·2	63·8	28th	99·2	44·4	7th	54·8
April . .	83·7	92·2	96·0	100·3	28·9	71·4	27th	107·5	49·2	3rd	58·3
May . .	89·9	97·9	101·4	104·8	26·5	78·3	30th	110·7	38·3	2nd	72·4
June . .	81·4	86·3	87·6	93·4	18·2	75·2	1st	107·1	37·2	21st	69·9
July . .	74·8	76·4	77·8	81·2	9·5	71·7	1st	90·8	23·9	16th	66·9
August .	74·7	77·7	78·2	81·7	10·6	71·1	18th	88·0	19·0	26th	69·0
September .	75·8	80·3	82·0	84·9	15·3	69·6	29th	88·7	24·4	29th	64·3
October .	72·4	80·2	82·2	84·6	22·0	62·6	7th	90·1	36·8	27th	53·3
November .	66·9	74·9	77·9	80·4	24·5	55·9	10th	85·0	39·3	27th	45·7
December .	61·7	70·4	74·1	76·7	27·5	49·2	8th	79·6	36·0	20th	43·6
Year . .	74·1	80·5	83·8	87·1	22·7	64·4	...	110·7	69·1	...	41·6

64. JUBBULPORE (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January	63·2	65·3	74·4	76·5	24·5	52·0	6th	82·8	42·1	23rd	40·7
February	63·1	68·2	79·7	80·7	34·2	46·5	28th	93·8	58·5	10th	35·3
March	75·1	82·3	91·3	92·8	33·9	58·9	28th	97·8	49·9	7th	47·9
April	84·2	91·9	99·0	101·0	31·6	69·4	27th	108·9	50·3	2nd	58·6
May	91·9	97·1	104·5	106·5	27·3	79·2	31st	111·6	45·3	23rd	66·3
June	85·4	88·1	92·7	96·8	18·8	78·0	1st	108·2	36·1	16th	72·1
July	76·6	78·1	79·5	82·6	8·9	73·7	5th	91·7	20·1	11th	71·6
August	76·8	78·5	80·4	82·6	9·5	73·1	19th	89·5	19·4	3rd	70·1
September	77·3	80·1	83·2	86·3	14·9	71·4	7th	89·9	24·2	30th	65·7
October	73·0	77·5	82·7	84·4	21·2	63·2	7th	90·6	37·0	31st	53·6
November	65·2	71·8	78·1	80·3	28·0	52·3	9th	84·1	41·3	26th	42·8
December	60·2	65·7	74·3	76·1	30·0	46·1	30th	79·5	39·5	20th	40·0
Year	74·3	78·7	85·0	87·2	23·6	63·7	...	111·6	76·3	...	35·3

65. SAUGOR (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January	63·3	67·0	73·4	75·6	22·5	53·1	3rd	80·8	38·3	23rd	42·5
February	66·2	71·2	79·4	80·2	27·2	53·0	28th	93·2	51·1	10th	42·1
March	76·8	82·8	90·1	91·3	27·8	63·5	27th	97·0	40·6	8th	56·4
April	86·1	93·5	98·7	100·3	26·9	73·4	28th	107·4	44·3	1st	63·1
May	92·4	96·5	104·6	106·5	26·3	80·2	31st	110·0	36·4	1st	73·6
June	85·3	87·5	93·4	97·1	20·0	77·1	1st	107·2	36·6	21st	70·6
July	76·4	77·8	79·9	82·7	9·9	72·8	1st	91·3	21·8	16th	69·5
August	75·5	77·1	79·0	82·2	10·2	72·0	19th	87·1	18·4	28th	68·7
September	77·1	80·1	83·6	85·6	15·0	70·6	8th & 10th	89·3	23·6	22nd & 28th	65·7
October	73·7	80·4	83·6	84·9	21·1	63·8	8th	90·8	35·0	31st	55·8
November	66·8	74·2	77·4	78·8	22·7	56·1	3rd & 11th	81·7	32·8	25th	48·9
December	64·1	70·2	74·8	75·8	22·5	53·3	8th	79·9	32·5	21st	47·4
Year	75·3	79·9	84·8	86·8	21·0	65·7	...	110·0	67·9	...	42·1

66. PACHMARHI (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January	58·5	63·8	67·1	69·8	19·9	49·9	6th	74·6	37·4	23rd	37·2
February	60·0	68·5	73·2	75·2	28·5	46·7	28th	84·5	50·0	10th	34·5
March	72·2	77·2	82·9	84·5	23·0	61·5	24th & 25th	89·2	39·3	7th	49·9
April	79·3	86·0	90·1	92·2	23·8	68·4	27th	98·7	40·2	4th	58·5
May	84·8	86·5	93·3	95·3	19·1	76·2	30th	100·7	30·4	5th	70·3
June	75·4	77·4	80·6	84·1	14·0	70·1	5th	95·2	30·2	13th & 22nd	65·0
July	69·2	69·9	71·2	73·4	6·2	67·2	1st	81·2	17·8	16th	63·4
August	68·9	70·0	71·3	73·5	7·0	66·5	17th	78·9	14·5	22nd	64·4
September	69·4	72·6	73·7	76·5	11·4	65·1	8th	81·7	23·0	28th	58·7
October	65·4	73·7	73·8	76·4	19·5	56·9	7th	81·7	34·4	30th	47·3
November	59·6	68·8	68·4	72·1	21·3	50·8	8th & 12th	75·8	34·5	27th	41·3
December	55·5	65·2	66·5	69·8	25·3	44·5	7th & 30th	72·8	34·5	19th & 20th	38·3
Year	68·2	73·3	76·0	78·6	18·3	60·3	...	100·7	66·2	...	34·5

67. HOSHANGABAD (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January	65·7	68·4	77·7	81·3	27·7	53·6†	29th	86·0	43·4	24th	42·6
February	67·2	70·2	83·8	85·7	35·1	50·6	28th	98·0	56·9	9th	41·1
March	78·6	83·5	94·5	96·9	34·2	62·7	25th	101·7	49·0	8th	52·7
April	87·8	91·8	102·6	105·8	32·8	73·0	26th & 27th	112·9	48·0	1st	64·9
May	92·9	95·6	105·5	108·8	28·6	80·2	30th	113·7	39·9	2nd	73·8
June	85·5	86·5	93·6	97·2	19·9	77·3	1st	109·0	37·4	21st	71·6
July	77·2	77·8	80·2	84·6	10·5	74·1	2nd	93·9	23·9	16th	70·0
August	77·4	77·4	80·8	84·2	10·3	73·9	19th	90·4	18·5	25th	71·9
September	78·5	80·4	83·8	87·7*	14·6	73·1	8th	93·1	25·1	22nd	68·0
October	75·7	80·0	85·2	88·3	22·2	66·1	6th	94·4	41·7	27th	52·7
November	68·5	73·2	79·7	82·7	25·5	57·2	11th	87·6	40·9	27th	46·7
December	63·9	66·6	76·3	79·4	28·0	51·4	8th	82·9	37·5	20th	45·4
Year	76·6	79·3	87·0	90·2	24·1	66·1	...	113·7	72·6	...	41·1

* Mean of 29 days.
† „ „ 30 „

68. KHANDWA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January .	67·3	72·8	80·8	82·7	28·9	53·8	18th	87·9	46·9	23rd	41·0
February .	69·0	75·9	86·7	88·0	36·8	51·2	27th	98·9	63·3	9th	35·6
March .	80·0	86·1	95·2	97·2	32·4	64·8	24th	103·4	50·3	8th	53·1
April . .	88·3	94·8	101·8	104·4	29·7	74·7	26th	111·2	46·8	1st	64·4
May . .	89·6	90·9	100·1	104·1	25·1	79·0	1st	109·6	39·5	7th	70·1
June . .	83·3	84·9	90·1	94·6	18·2	76·4	5th	104·9	35·5	11th	69·4
July . .	77·2	79·2	81·0	83·5	10·1	73·4	2nd	91·2	22·0	16th	69·2
August .	77·5	78·0	80·7	83·2	9·0	74·2	16th	88·0	17·2	26th	70·8
September .	78·7	80·5	83·5	86·0	12·1	73·9	8th	91·9	21·8	29th	70·1
October .	75·3	83·4	86·2	88·3	23·9	64·4	8th	94·6	42·5	28th	52·1
November .	67·6	76·3	80·7	83·2	28·7	54·5	11th & 13th	87·9	44·0	25th	43·9
December .	64·2	72·9	79·6	81·3	32·5	48·8	7th	84·4	41·3	21st	43·1
Year . .	76·5	81·3	87·2	89·7	24·0	65·8	...	111·2	75·6	...	35·6

69. CHANDA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January .	70·2	75·1	84·2	86·2	30·0	56·2	25th	91·8	46·9	24th	44·9
February .	71·4	76·7	90·5	92·2	39·9	52·3	28th	102·5	60·2	9th	42·3
March .	82·7	88·2	99·5	101·4	35·5	65·9	25th	105·1	51·6	8th	53·5
April . .	89·7	94·2	102·8	105·9	29·3	76·6	27th	112·9	43·7	4th	69·2
May . .	95·7	99·2*	108·2*	110·7*	27·5	83·2*	30th	113·9	36·2	5th	77·7
June . .	85·0	86·4	91·6	95·2	16·9	78·3	3rd	109·7	38·5	12th	71·2
July . .	77·8	79·8	81·6	84·1	10·1	74·0	1st	95·9	25·5	1st	70·4
August .	78·7	80·6	83·4	85·8	11·9	73·9	13th	93·3	22·4	20th	70·9
September .	79·1	81·8	85·0	87·7	14·6	73·1	9th, 28th & 29th.	91·8	23·1	29th	68·7
October .	76·5	81·9	85·3	88·3	20·6	67·7	5th & 7th	92·9	34·6	30th	58·3
November .	71·4	73·6	82·8	85·3	25·4	59·9	10th	90·6	43·5	27th	47·1
December .	65·0	73·4†	78·8†	81·6†	30·5	51·1†	31st	85·0	40·4	22nd	44·6
Year . .	78·6	82·6	89·5	92·0	24·4	67·7	...	113·9	61·6	...	42·3

* Mean of 30 days.
† „ „ 28 „

70. SIRONCHA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January .							Not recorded.				
February .							Ditto.				
March .							Ditto.				
April . .	91·7	90·4*	103·1*	104·9*	24·7	80·2*	22nd	110·9	38·2	16th	72·7
May . .	97·2	97·2	107·7	109·8	23·2	86·6	20th	113·5	33·6	5th	79·9
June . .	85·9	85·8	91·6	94·4	14·2	80·2	2nd	110·9	36·3	14th	74·6
July . .	79·4	79·3	82·8	84·6	8·7	75·9	1st	96·3	24·2	15th	72·1
August .	79·4	79·3	83·2	85·7	10·1	75·6	13th	92·2	20·8	28th	71·4
September .	80·7	81·4	85·8	88·8	13·3	75·5	30th	93·7	22·5	29th	71·2
October .	79·8	81·7	86·6	89·7	16·7	73·0	7th	94·8	28·3	30th	66·5
November .	74·9	76·3	83·5	86·0	19·8	66·2	12th	90·2	37·9	28th	52·3
December .	67·6	69·6	79·7	82·3	26·9	55·4	31st	86·6	39·6	21st	47·0
Year . .	?	?	?	?	?	...	...	113·5	?	...	?

71. CHIKALDA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January .	62·5	64·0	69·3	71·1	15·5	55·6	25th	76·0	31·1	22nd	44·9
February .	67·3	69·6	75·9	77·9	19·3	58·6	27th	87·2	41·1	9th	46·1
March .	75·2	77·4	83·9	85·7	19·2	66·5	24th	91·3	30·5	16th	60·8
April . .	80·6	84·9	88·1	91·9	18·9	73·0	27th	99·0	33·9	3rd	65·1
May . .	80·7	82·2	89·6	92·4	20·6	71·8	30th	98·4	36·6	8th	61·8
June . .	72·8	73·0	78·5	81·2	14·1	67·1	1st	93·0	30·3	13th	62·7
July . .	67·4	67·4	69·5	71·1	5·8	65·3	1st	77·1	15·4	16th	61·7
August .	67·1	67·0	69·3	71·5	6·6	64·9	13th	77·7	14·9	26th	62·8
September .	67·6	68·7	71·0	73·6	9·4	64·2	28th	77·8	18·0	17th	59·8
October .	68·1	72·8	72·9	75·7	12·4	63·3	8th	81·2	24·3	31st	56·9
November .	64·2	69·2	69·5	72·7	13·9	58·8	11th	76·2	22·8	24th	53·4
December .	61·1	65·5	67·4	70·4	15·7	54·7	5th	74·2	22·7	21st	51·5
Year . .	69·6	71·8	75·4	77·9	14·3	63·7	...	99·0	54·1	...	44·9

* Mean of 22 days.

72. BULDANA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	69·2	72·3	79·2	80·6	21·4	59·2	25th	85·6	34·0	22nd	51·6
February	72·7	77·2	84·3	86·1	25·0	61·1	28th	95·5	49·1	9th	46·4
March	81·1	84·1	92·0	93·7	23·6	70·1	22nd	97·9	32·8	12th	65·1
April	86·8	92·2	96·8	99·9	23·2	76·7	25th and 26th.	106·5	44·2	3rd	62·3
May	85·2	88·0	95·8	99·1	24·6	74·5	1st	105·2	40·5	7th	64·7
June	78·5	81·5	85·3	89·2	17·6	71·6	1st	99·8	31·2	14th	68·6
July	73·1	75·7	76·6	80·5	10·9	69·6	2nd	87·6	21·5	17th	66·1
August	73·0	75·2	77·1	80·2	11·4	68·8	30th	83·8	16·9	26th	66·9
September	73·6	75·9	78·7	81·4	13·0	68·4	1st	87·1	21·6	19th	65·5
October	73·9	78·9	80·7	83·5	16·5	67·0	8th	90·2	31·7	31st	58·5
November	69·2	75·0	76·2	79·0	16·9	62·1	11th	83·5	29·2	29th	54·3
December	65·6	72·7	74·3	76·7	19·8	56·9	29th	80·2	26·6	22nd	53·6
Year	75·2	79·1	83·1	85·8	18·7	67·2	...	106·5	60·1	...	46·4

73. AKOLA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	69·4	74·6	84·4	85·8	31·4	54·4	25th	90·7	49·9	23rd	40·8
February	70·6	78·6	89·5	90·4	38·8	51·6	28th	100·7	64·8	9th	35·9
March	82·3	88·3	98·5	99·5	33·4	66·1	25th	103·4	51·4	8th	52·0
April	89·0	96·5	104·2	105·9	32·2	73·7	26th	112·7	48·5	3rd	64·2
May	92·0	94·1	104·1	106·2	26·3	79·9	1st	111·1	41·4	7th	69·7
June	84·5	85·8	92·7	95·9	19·7	76·2	2nd	108·5	38·4	29th	70·1
July	77·4	79·4	82·0	84·9	12·2	72·7	1st	92·9	22·4	17th	70·5
August	77·9	79·4	83·2	85·2	12·7	72·5	5th & 15th	89·0	19·9	26th	69·1
September	78·1	81·3	85·0	87·7	16·6	71·1	9th	93·1	25·9	29th	67·2
October	75·7	82·8	87·0	88·8	24·4	64·4	8th	96·0	42·6	31st	53·4
November	70·5	77·5	83·5	84·7	27·3	57·4	11th & 12th	89·0	43·7	27th	45·3
December	64·7	72·3	79·7	81·4	31·8	49·6	29th	84·6	43·6	21st	41·0
Year	77·7	82·6	89·5	91·4	25·6	65·8	...	112·7	76·8	...	35·9

74. AMRAOTI (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range	Lowest Minimum. Day.	Lowest Minimum. °
January	69·7	74·8	82·5	84·8	28·0	56·8	25th	89·8	41·9	24th	47·9
February	73·0	79·1	88·5	90·3	32·9	57·4	28th	101·0	60·4	9th	40·6
March	82·5	89·6	97·2	99·9	32·1	67·8	26th	104·7	47·0	9th	57·7
April	89·5	96·7	102·2	105·3	28·6	76·7	26th	112·2	43·0	3rd	69·2
May	90·2	97·7	101·7	107·5	28·8	78·7	29th	112·8	41·0	7th	71·8
June	82·7	85·4	90·2	94·6	19·5	75·1	1st	107·5	39·0	20th	68·5
July	76·1	77·8	80·4	84·2	12·4	71·8	1st	91·6	23·3	15th	68·3
August	75·8	78·6	79·9	84·1	12·5	71·6	13th	91·3	22·6	20th	68·7
September	77·2	81·0	83·6	87·5	16·7	70·8	28th	92·7	25·0	23rd	67·7
October	76·4	83·0	85·3	88·3	20·8	67·5	7th	95·5	36·8	27th	58·7
November	72·2	78·5	82·3	84·8	22·8	62·0	12th	89·0	32·8	16th & 25th	56·2
December	67·3	73·7	78·2	80·8	24·5	56·3	8th	83·4	32·5	22nd	50·9
Year	77·7	83·0	87·7	91·0	23·3	67·7	...	112·8	72·2	...	40·6

75. MAKHLA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	63·7	65·8	71·8	73·7	18·2	55·5	25th	79·0	35·9	22nd	43·1
February	68·5	71·7	79·7	82·1	24·8	57·3	27th & 28th	92·0	48·1	8th	43·9
March	77·1	81·5	88·3	90·8	24·9	65·9	24th	95·8	35·6	16th	60·2
April	83·6	89·2	93·4	96·9	23·2	73·7	26th	104·7	37·8	3rd	66·9
May	84·3	87·4	94·9	98·1	24·5	73·6	30th	103·0	36·2	8th	66·8
June	75·3	77·1	80·5	85·0	14·9	70·1	1st	98·6	33·2	15th	65·4
July	69·4	69·4	71·4	73·9	6·6	67·3	8th	88·2	24·7	16th	63·5
August	69·4	69·3	71·6	74·2	7·1	67·1	17th	79·7	15·0	26th	64·7
September	69·4	71·5	73·2	76·4	10·8	65·6	27th, 28th & 30th.	81·0	20·7	22nd	60·3
October	68·8	74·6	75·3	79·6	17·3	62·3	8th	85·1	30·3	31st	54·8
November	65·7	69·8	72·7	75·4	16·8	58·6	4th, 12th & 13th.	79·0	27·5	26th	51·5
December	62·4	67·1	69·8	72·6	17·6	55·0	7th	76·0	26·1	20th and 21st.	49·9
Year	71·5	74·5	78·6	81·6	17·2	64·3	...	104·7	61·6	...	43·1

76. NEEMUCH (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	63·0	67·6*	75·4†	78·1†	27·6	50·5*	19th	83·1	41·9	22nd	41·2
February	Imperfect.										
March	75·4	82·6	89·9	Imperfect.		60·8	...	?	?	19th	51·7
April	Imperfect.										
May	90·3	93·1‡	102·5§	105·9§	27·7	78·1‡	30th	111·3	37·1	9th	74·2
June	84·1	86·5	91·8	96·8	20·4	76·4	6th	105·4	35·1	16th	70·3
July	77·2	78·3	81·2	84·7	11·5	73·2	2nd	94·2	24·8	16th	69·4
August	76·2	77·3	80·1	83·0	10·7	72·3	15th	88·5	18·5	26th	70·0
September	77·4	80·0	84·6	87·3	17·2	70·1	12th	93·1	27·4	29th	65·7
October	75·7	82·4	87·4	89·5	25·5	64·0	19th	93·4	37·1	28th & 29th	56·3
November	68·1	74·7	80·7	82·9	27·4	55·5	3rd	87·2	39·1	25th	48·1
December	63·4	69·2	77·3	78·9	29·4	49·5	7th	85·3	39·4	19th	45·9
Year	?	?	?	?	?	?	...	?	?	...	?

77. NOWGONG (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	60·1	62·5	70*·4	74*·1	22·4	49·7	4th	81·6	41·0	23rd	40·6
February	63·3	68·7	79·4	80·6	33·4	47·2	28th	95·0	58·6	10th	36·4
March	75·3	82·0	91·9	93·4	34·8	58·6	27th	101·2	50·2	7th	51·0
April	85·4	93·4	101·4	103·3	34·0	69·3	27th	111·2	56·0	1st	55·2
May	94·7	100·3	107·4	109·1	27·1	82·0	8th	112·7	37·5	17th	75·2
June	91·9	94·7	99·9	103·7	19·9	83·8	1st	111·6	36·4	21st	75·2
July	80·7	82·1	84·1	87·9	10·7	77·2	1st	98·6	24·6	16th	74·0
August	79·9	81·3	83·5	86·6	10·3	76·3	30th	91·5	18·5	15th	73·0
September	80·7	83·8	87·4	89·7	15·8	73·9	8th	93·2	26·2	27th	67·0
October	74·9	80·4	85·4	87·6	23·2	64·4	7th	93·7	38·8	31st	54·9
November	65·4	70·6	77·6	79·6	26·4	53·2	3rd	84·9	39·9	25th	45·0
December	61·0	66·3	74·3	76·5	28·9	47·6	13th	82·1	39·0	19th	43·1
Year	76·1	80·5	86·9	89·2	23·9	65·3	...	112·7	76·3	...	36·4

* Mean of 27 days.
† " " 26 "
‡ Mean of 22 days.
§ " " 21 "

78. SUTNA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	60·6	64·0	70·9	71·6	21·3	50·3	3rd	80·1	38·4	23rd	41·7
February	63·6	70·1	78·9	79·7	31·5	48·2	28th	92·7	53·7	10th	39·0
March	74·5	82·6	90·0	91·6	32·7	58·9	27th	98·7	48·2	7th	50·5
April	84·5	93·9	99·7	101·2	32·0	69·2	27th	109·5	51·6	2nd	57·9
May	92·1	99·1	104·5	106·2	26·6	79·6	9th	110·3	37·5	5th	72·8
June	88·9	93·8	96·0	100·5	18·8	81·7	1st	109·5	35·7	22nd	73·8
July	79·7	81·8	83·4	86·0	10·1	75·9	1st	99·0	26·2	16th	72·8
August	78·8	81·5	82·4	84·5	9·3	75·2	20th	90·2	17·9	3rd	72·3
September	80·2	83·8	85·6	87·8	13·0	74·8	9th	92·7	24·4	27th	68·3
October	74·5	80·8	83·7	85·4*	20·2	65·2	8th	92·7	37·2	27th	55·5
November	65·8	74·2	77·4	79·6	25·4	54·2	4th	82·9	37·2	26th	45·7
December	61·0	68·5	74·2	76·1	28·3	47·8	30th	79·1	36·7	20th	42·4
Year	75·4	81·2	85·6	87·5	22·4	65·1	...	110·3	71·3	...	39·0

79. INDORE (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range	Lowest Minimum. Day.	Lowest Minimum. °
January	64·3	71·9	76·4	78·9	26·7	52·2	18th	84·1	43·7	22nd	40·4
February	66·1	76·0	82·3	84·3	34·4	49·9	27th	96·3	59·9	9th	36·4
March	75·5	85·1	90·4	92·8	32·3	60·5	24th	99·0	49·3	7th	49·7
April	83·5	93·8	97·8	100·7	31·5	69·2	26th	107·9	51·3	1st	56·6
May	87·9	92·9	100·1	102·5	26·9	75·6	30th	108·3	40·1	8th	68·2
June	81·7	85·2	89·3	93·5	19·5	74·0	6th	102·9	32·1	17th & 26th	70·8
July	74·7	76·5	77·8	81·0	9·5	71·5	2nd	91·6	24·4	16th	67·2
August	74·2	75·8	77·7	80·5	9·8	70·7	16th	85·1	15·5	9th & 25th	69·6
September	74·9	79·0	80·6	83·6	14·4	69·2	9th & 10th	89·0	23·5	27th	65·5
October	73·2	81·7	83·2	86·0	22·9	63·1	7th & 8th	91·1	38·2	31st	52·9
November	65·8	76·0	77·0	80·9	26·4	54·5	3rd, 5th & 13th.	84·1	39·4	25th	44·7
December	63·0	73·3	75·7	78·1	27·9	50·2	10th	81·3	36·9	21st	44·4
Year	73·7	80·6	84·0	86·9	23·5	63·4	...	108·3	71·9	...	36·4

* Mean of 26 days.

80. BICKANEER (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	58·0	60·9	65·7	68·9	18·6	50·3	28th	77·5	33·4	1st	44·1
February	66·1	69·1	76·4	78·5	22·8	55·7	28th	96·0	51·9	9th	44·1
March	77·8	84·5	89·3	91·0	24·8	66·2	26th & 27th.	101·3	43·3	17th	58·0
April	88·3	94·8	99·9	102·3	25·6	76·7	28th	110·2	43·4	1st	66·8
May	97·1	101·5	109·4	110·6	25·8	84·8	29th	116·2	37·5	1st & 24th	78·7
June	93·4	95·5	103·4	105·2	21·9	83·3	9th	112·3	41·4	22nd	70·9
July	89·0	91·2	96·3	99·4	17·8	81·6	2nd	105·1	28·4	16th	76·7
August	86·8	89·2	93·4	96·7	16·6	80·1	20th	102·3	26·2	29th	76·1
September	88·0	91·7	98·2	100·7	22·9	77·8	10th	106·5	34·8	29th	71·7
October	81·3	88·3	93·6	95·9	27·0	68·9	10th & 11th.	101·3	39·4	21st	61·9
November	71·8	79·7	84·0	85·4	25·9	59·5	1st	93·2	42·4	29th	50·8
December	64·3	67·5	74·8	77·3	23·6	53·7	7th	84·7	39·7	31st	45·0
Year	80·2	84·5	90·4	92·7	22·8	69·9	...	116·2	72·1	...	44·1

81. JEYPORE (*corrected*).

Month.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	59·5	51·5	62·5	68·4	55·7	71·0	21·9	49·1	5th	78·1	40·0	16th	38·1
February	65·5	52·6	71·7	79·4	58·4	81·3	31·6	49·7	28th	97·6	60·4	1st	37·2
March	76·4	63·5	82·6	90·4	69·1	92·5	32·7	59·8	27th	101·6	51·8	7th	49·8
April	86·7	73·1	93·0	99·9	80·7	102·5	32·8	69·7	26th	110·1	52·7	1st	57·4
May	94·4	82·2	99·2	106·8	89·3	109·4	29·6	79·8	29th & 30th.	115·2	42·6	2nd	72·6
June	90·9	82·6	93·6	99·6	87·7	103·8	23·6	80·2	7th	111·2	39·4	4th	71·8
July	81·3	77·8	82·2	85·3	80·0	88·7	12·6	76·1	2nd	102·3	30·0	17th	72·3
August	78·8	75·4*	80·0	82·5	77·3	86·5	12·5	74·0	16th & 20th.	94·1	23·1	7th	71·0
September	81·1	73·5	84·6	89·4	76·9	92·1	20·7	71·4	10th	99·1	33·9	29th	65·2
October	78·5	66·4	85·0	90·6	71·9	93·2	30·2	63·0	8th	98·1	43·5	25th	54·6
November	69·3	56·4	77·2	82·3	61·2	85·3	32·5	52·8	2nd	89·1	42·8	25th	46·3
December	63·9	52·2	70·2	76·6	56·4	79·0	29·9	49·1	7th	85·9	42·4	31st	43·5
Year	77·2	67·3	81·8	87·6	72·1	90·4	25·9	64·6	...	115·2	78·0	...	37·2

* Mean of 30 days.

82. SAMBHAR (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	56·4	58·5	68·8	70·1	24·1	46·0	24th	78·2	42·8	16th	35·4
February	62·3	65·4	77·5	78·6	31·1	47·5	27th	95·3	60·5	8th	34·8
March	74·0	79·8	88·6	89·9	32·4	57·5	27th	98·8	49·5	7th	49·3
April	85·5	91·2	98·5	100·1	31·5	68·6	26th & 28th	107·5	52·3	1st	55·2
May	93·6	96·4	105·8	107·1	26·0	81·1	28th	113·1	45·0	2nd	68·1
June	90·1	93·1	99·8	102·5	21·7	80·8	7th	109·0	38·5	4th	70·5
July	81·0	81·6	85·8	88·5	11·2	77·3	1st	101·1	28·0	12th	73·1
August	79·1	80·1	83·7	85·5	10·4	75·1	20th	91·2	19·3	29th	71·9
September	81·0	83·5	89·8	91·0	17·0	74·0	12th	96·8	27·1	29th	69·7
October	75·6	82·4	89·6	91·1	27·9	63·2	7th	96·5	42·8	26th	53·7
November	64·9	71·9	81·3	83·0	32·0	51·0	2nd	89·4	44·5	25th	44·9
December	59·5	64·4	75·1	76·1	29·4	46·7	8th	82·7	41·1	19th	41·6
Year	75·3	79·0	87·0	88·6	24·6	64·1	...	113·1	78·3	...	34·8

83. AJMERE (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	57·7	61·4	69·7	71·3	24·8	46·5	24th	78·2	42·3	23rd	35·9
February	64·1	70·0	78·4	79·5	31·7	47·8	27th	95·3	63·3	8th	32·0
March	75·7	81·4	88·7	90·1	29·4	60·7	26th & 27th	97·8	53·0	30th	44·8
April	85·9	91·5	98·4	100·6	31·1	69·5	26th	107·3	51·6	3rd	55·7
May	92·8	94·4	104·2	105·7	23·8	81·9	28th	112·8	40·7	1st	72·1
June	88·3	89·8	97·6	100·0	19·4	80·6	8th	108·8	37·7	13th	71·1
July	79·6	80·6	84·1	86·1	10·6	75·5	1st	98·8	26·2	17th	72·6
August	78·0	78·8	82·9	84·4	10·5	73·9	16th	89·7	18·1	26th	71·6
September	79·7	82·0	88·1	89·5	16·6	72·9	24th	96·3	28·2	27th to 29th	68·1
October	74·9	83·5	89·8	90·8	30·4	60·4	7th to 9th	95·3	45·6	25th	49·7
November	65·5	75·7	82·0	83·0	34·1	48·9	2nd	89·2	47·3	25th to 27th	41·9
December	60·5	68·8	75·5	76·5	31·0	45·5	7th to 9th	84·2	42·3	18th	41·9
Year	75·2	79·8	86·6	88·1	24·5	63·7	...	112·8	80·8	...	32·0

84. MOUNT ABU (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	56·2	59·9	62·4	65·6	15·6	49·9*	27th	71·1	28·8	15th	42·3
February	61·7	65·4	69·2	71·7	17·6	54·1	26th	82·4	42·5	9th	39·9
March	69·5	72·3	77·2	79·4	17·6	61·8*	23rd	87·1	34·2	15th	52·9
April	77·3	81·0	84·8	87·4	17·6	69·8	25th	94·2	29·2	1st	65·0
May	79·7	83·1	87·4	89·3	17·4	72·0	27th	97·4	32·8	15th	64·6
June	73·6	74·9	80·0	82·7	15·5	67·2	8th	92·2	28·4	4th	63·8
July	67·9	68·3	70·6	72·6	7·4	65·2	3rd	81·8	19·9	20th	61·9
August	66·3	66·7	68·3	69·9	5·7	64·2	18th	75·1	13·0	5th & 6th	62·1
September	68·7	72·1	73·5	76·2	12·4	63·8	11th	82·0	23·1	20th	58·9
October	70·4	76·2	76·5	79·5	15·3	64·2	9th	85·2	24·9	29th	60·3
November	65·2	71·3	71·4	74·8	15·9	58·9	12th	77·7	23·8	25th	53·9
December	58·6	62·7	63·8	65·9	12·5	53·4	4th	74·1	26·1	31st	48·0
Year	67·9	71·2	73·8	76·2	14·2	62·0	...	97·4	57·5	...	39·9

* Mean of 30 days.

85. PACHPADRA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	60·1	63·0	75·1	77·2	32·1	45·1	24th & 28th	86·4	51·3	15th	35·1
February	65·6	69·6	84·0	85·7	38·6	47·1	26th	100·3	69·0	7th	31·3
March	76·5	79·2	94·6	96·5	38·1	58·4	25th	104·7	58·4	5th	46·3
April	86·8	90·7	103·6	105·8	35·8	70·0	30th	112·7	58·2	1st	54·5
May	93·3	91·0	108·2	110·0	31·6	78·4	28th	119·8	47·0	1st	72·8
June	92·3	90·8	103·0	105·2	23·7	81·5	8th	115·8	40·9	13th	74·9
July	86·2	85·3	93·9	96·1	17·7	78·4	1st	103·3	30·9	7th	72·4
August	84·6	83·8	92·1	94·7	17·6	77·1	17th	99·9	25·9	9th	74·0
September	86·8	84·9†	98·4†	100·1†	25·0	75·1†	9th	110·8	42·2	28th	68·6
October	81·7	85·6	97·2	99·9	33·8	66·1	9th	105·9	55·1	24th	50 8
November	71·7	74·8	88·5	91·4	36·5	54·9	1st	97·9	49·9	29th	48·0
December	65·6	65·9	82·0	83·7	34·5	49·2	9th	90·2	48·5	25th	41·7
Year	79·3	80·4	93·4	95·5	30·4	65·1	...	119·8	88·5	...	31·3

† Mean of 29 days.

86. JACOBABAD (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	55·2	57·2	68·4	70·2	28·3	41·9	28th	79·0	45·6	15th	33·4
February	63·3	68·1	79·4	80·8	33·7	47·1	27th	100·7	71·7	7th	29·0
March	74·8	84·2	92·4	94·8	37·6	57·2	26th	106·0	60·7	5th	45·3
April	86·0	94·3	101·9	104·2	34·2	70·0	28th	112·6	56·2	2nd	56·4
May	96·1	104·7	114·0	116·0	37·8	78·2	29th	122·4	53·5	19th	68·9
June	97·5	99·6	110·4	111·9	27·4	84·5	9th	117·3	42·6	3rd	74·7
July	96·7	98·3	107·4	109·2	23·2	86·0	10th	115·4	32·5	18th & 20th	82·9
August	91·8	93·8	101·8	104·3	22·6	81·7	1st	109·7	33·1	13th	76·6
September	88·2	92·0	102·4	104·6	30·7	73·9	18th	111·3	43·1	24th	68·2
October	79·5	87·9	96·0	99·1	36·1	63·0	11th	106·6	53·2	24th	53·4
November	66·5	75·2	83·6	88·1	38·7	49·4	1st	95·0	49·9	29th	45·1
December	59·1	65·5	74·2	77·5	33·5	44·0	6th	88·4	54·3	27th	34·1
Year	79·6	85·1	94·3	96·7	32·0	64·7	...	122·4	93·4	...	29·0

87. HYDERABAD (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	60·5	63·4	70·3	72·9	22·2	50·7	28th	85·5	44·7	15th	40·8
February	68·1	72·5	80·9	83·5	28·2	55·3	27th	99·4	61·5	7th	37·9
March	78·0	84·6	92·1	94·7	30·9	63·8	26th	106·6	50·3	17th	56·3
April	85·3	93·7	98·9	102·6	30·9	71·7	27th	110·7	51·1	2nd	59·6
May	90·7	99·0	102·6	108·1	29·3	78·8	28th	118·0	43·8	18th	74·2
June	91·6	93·9	99·2	103·5	19·6	83·9	8th	113·4	35·2	2nd	78·2
July	87·2	89·8	93·9	98·4	18·0	80·4	16th	105·4	29·0	24th	76·4
August	84·6	88·3	91·0	95·7	17·6	78·1	31st	103·4	27·8	5th & 27th	75·6
September	84·3	90·1	93·7	98·2	23·3	74·9	14th	103·6	31·6	24th	72·0
October	82·6	91·6	94·8	98·3	27·9	70·4	10th	105·4	43·7	22nd	61·7
November	73·8	83·2	87·5	89·5	29·4	60·1	1st	96·6	41·8	28th	54·8
December	66·6	74·3	79·2	Imperfect.	?	53·9	...	?	?	27th	48·8
Year	79·4	85·4	90·3	?	?	68·5	...	118·0	80·1	...	37·9

88. KURRACHEE (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January	63·3	65·7	72·0	74·0	19·1	54·9	28th	79·1	35·6	15th	43·5
February	69·0	71·6	77·3	80·1	21·8	58·3	18th	89·2	46·1	9th	43·1
March	76·0	79·6	82·5	87·6	22·3	65·3	28th	98·9	42·7	6th	56·2
April	80·4	84·2	85·3	89·9	17·1	72·8	29th	95·2	30·4	1st	64·8
May	84·3	87·3	87·5	91·8	12·9	78·9	1st & 28th	97·0	23·3	1st	73·7
June	86·8	89·7	90·2	94·2	12·2	82·0	8th	104·6	25·9	8th	78·7
July	83·3	84·9	85·9	89·1	9·0	80·1	1st	94·5	18·4	18th	76·1
August	80·8	82·9	83·3	86·7	9·2	77·5	11th & 16th	89·2	13·0	7th	76·2
September	80·1	82·5	83·2	86·9	11·4	75·5	8th	91·4	18·7	24th	72·7
October	78·6	83·9	86·3	91·3	21·7	69·6	13th	99·9	39·1	25th	60·8
November	74·3	81·6	85·5	90·5	28·7	61·8	3rd	96·5	39·6	27th	56·9
December	68·2	72·2	77·9	80·4	24·2	56·2	4th	86·9	40·4	26th	46·5
Year	77·1	80·5	83·1	86·9	17·5	69·4	...	104·6	61·5	...	43·1

89 BHUJ (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January	65·1	68·4	76·9	78·8	25·5	53·3	28th	87·4	43·3	16th	44·1
February	70·0	74·2	83·9	85·7	29·6	56·1	26th & 27th	95·5	51·2	8th	44·3
March	77·6	83·4	91·1	93·9	29·8	64·1	24th	102·9	44·0	5th	58·9
April	84·3	91·4	98·3	101·5	31·3	70 2	25th	109·6	47·5	1st	62·1
May	85·8	92·6	95·0	99·9	23·4	76·5	2nd	111·2	38·5	18th	72·7
June	85·4	89·0	92·0	95·5	16·8	78·7	8th	104·3	30·1	12th	74·2
July	80·4	83·6	83·9	87·9	11·1	76·8	6th	97·2	23·3	7th	73·9
August	79·7	81·5	84·3	86·7	11·7	75·0	31st	93·5	19·8	9th	73·7
September	81·0	85·9	88·8	93·0	19·8	73·2	8th	100·7	31·4	23rd	69·3
October	82·0	88·9	94·3	97·3	27·6	69·7	9th	101·8	36·8	26th & 28th	65·0
November	76·3	84·4	89·0	91·3	27·7	63·6	2nd	95·3	39·2	24th	56·1
December	69·6	74·7	81·8	83·6	26·3	57·3	6th	90·5	39·4	26th	51·1
Year	78·1	83·2	88·3	91·3	23·4	67·9	...	111·2	67·1	...	44·1

90. RAJKOT (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January	65·0	70·5	78·9	84·3	33·3	51·0	30th	91·7	51·7	15th	40·0
February	67·0	77·4	82·8	89·9	38·7	51·2	28th	98·3	61·8	9th	36·5
March	77·2	85·0	92·9	97·7	36·3	61·4	24th	104·9	52·0	18th	52·9
April	84·5	91·0	100·0	104·1	35·2	68·9	26th	111·3	52·2	1st	59·1
May	87·7	92·4	100·9	104·8	29·4	75·4	1st	113·5	41·3	15th & 17th.	72·2
June	85·0	89·1	93·0	98·1	21·2	76·9	6th	104·3	31·7	5th	72·6
July	78·7	82·0	82·6	87·9	13·1	74·8	3rd	98·9	26·7	31st	72·2
August	77·6	80·6	82·0	85·7	12·5	73·2*	21st	89·7	17·9	27th & 30th.	71·8
September	80·1	83·1	88·7	91·6	20·1	71·5	8th	95·2	29·3	26th	65·9
October	80·7	88·5	94·0	96·4	29·0	67·4	9th	101·3	43·4	31st	57·9
November	74·6	84·9*	87·7	91·4	29·9	61·5	15th	96·1	44·7	25th	51·4
December	69·5	77·9	84·3	86·8	32·2	54·6	9th	90·2	41·6	26th	48·6
Year	77·3	83·5	88·9	93·2	27·6	65·7	...	113·5	77·0	...	36·5

91. DEESA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January	66·7	71·3	79·8	81·7	29·9	51·8	28th	87·8	43·3	14th	44·5
February	72·0	77·2	87·2	89·1	36·7	52·4	27th	98·9	62·7	7th	36·2
March	80·2	84·0	94·8	97·0	35·9	61·1	24th	105·3	53·1	30th	52·2
April	89·7	93·0	102·4	104·5	32·8	71·7	25th	110·6	50·3	1st	60·3
May	91·7	90·7	104·5	106·6	29·4	77·2	27th	115·0	40·5	1st	74·5
June	89·3	89·8	98·9	100·6	20·9	79·7	8th	111·5	37·3	27th	74·2
July	81·3	82·4	86·1	88·6	11·9	76·7	3rd	101·4	27·5	17th & 31st	73·9
August	79·6	80·6	83·9	86·0	11·2	74·8	19th	92·3	19·2	7th	73·1
September	81·0	84·8	92·2	93·8	21·9	71·9	8th	100·5	34·1	24th	66·4
October	81·3	89·5	95·3	97·3	32·0	65·3	9th	102·4	47·2	29th	55·2
November	75·5	84·3	89·7	92·0	33·6	58·4	13th	96·3	46·1	27th	50·2
December	70·4	76·0	84·0	86·0	31·9	54·1	7th	91·8	43·5	2nd	48·3
Year	79·9	83·6	91·6	93·6	27·3	66·3	...	115·0	78·8	...	36·2

* Mean of 29 days.

92. SURAT (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	67·9	74·9	80·8	85·1	30·1	55·0	17th	91·6	48·8	22nd	42·8
February	79·5	79·8	86·2	91·2	35·7	55·5	19th & 20th	98·7	54·5	8th	44·2
March	77·8	84·3	90·2	94·3	28·9	65·4	23rd	103·2	45·2	8th	58·0
April	84·1	91·0*	96·4*	99·8*	28·0	71·8*	21st	107·1	42·1	1st	65·0
May	83·7	89·7	89·1	94·3	16·0	78·3	30th	96·0	23·5	7th	72·5
June	81·8	86·1	85·9	91·2	13·5	77·7	6th	101·2	28·6	27th	72·6
July	78·9	81·0	81·6	84·0	7·9	76·1	2nd	91·9	18·1	31st	73·8
August	79·0	81·4	82·5	85·2	9·8	75·4	30th	89·1	15·6	8th	73·5
September	80·4	84·1	85·7	88·7	13·7	75·0	7th	93·1	22·3	24th	70·8
October	81·4	88·7	91·4	94·5	23·1	71·4	8th	99·2	37·7	27th & 30th.	61·5
November	75·3	82·9	86·7	89·1	25·3	63·8	11th	93·6	40·5	28th	53·1
December	?	78·8†	83·6†	87·1†	?	Imperfect.	29th	91·8	?	...	?
Year	?	83·6	86·7	90·4	?	?	...	107·1	?	...	?

93. MALEGAON (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	67·3	74·8	83·6	85·5	34·6	50·9	25th	91·2	50·1	22nd	41·1
February	70·7	78·6	89·0	90·2	37·8	52·4	28th	100·6	66·5	9th	34·1
March	79·3	87·5	95·7	97·4	34·6	62·8	24th	102·3	45·8	9th	56·5
April	86·4	94·3	99·9	102·6	29·8	72·8	25th	107·8	44·0	1st	63·8
May	85·6	92·4	99·2	102·2	28·2	74·0	1st	108·2	38·3	18th	69·9
June	80·9	83·9	88·1	91·9	18·2	73·7	1st	102·0	30·8	28th	71·2
July	75·7	78·6	79·3	83·0	10·9	72·1	18th	94·4	25·9	16th	68·5
August	75·5	79·7	79·9	84·3	13·2	71·1	7th	88·4	19·2	19th & 30th	69·2
September	76·7	80·7	84·1	87·2	17·9	69·3	28th	91·9	27·2	21st	64·7
October	76·2	83·4	87·4	89·8	24·8	65·0	8th	96·0	48·3	31st	52·7
November	69·2	76·9	80·9	83·7	26·3	57·4	4th	88·1	41·6	26th	46·5
December	65·5	73·7	80·1	81·7	30·8	50·9	29th	84·9	40·2	21st	44·7
Year	75·8	82·0	87·3	90·0	25·6	64·4	...	108·2	74·1	...	34·1

* Mean of 29 days.
† „ „ 26 „

94. BOMBAY (*corrected*).

Month.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	72·5	68·1	73·7	77·5	71·6	79·9	13·5	66·4	16th	83·3	23·3	22nd	60·0
February	73·7	68·3	74·7	79·1	72·5	82·5	15·8	66·7	18th	91·3	35·4	9th	55·9
March	77·8	73·7	79·9	81·5	76·6	84·6	12·2	72·4	18th	88·6	19·6	8th	69·0
April	81·2	77·4	83·2	84·7	79·7	87·4	10·8	76·6	14th	93·5	20·0	1st	73·5
May	84·2	81·5	86·3	87·1	82·8	90·0	9·3	80·7	8th	91·4	13·6	7th	77·8
June	81·0	79·7	82·1	82·7	80·1	85·2	7·6	77·6	4th	91·2	17·3	11th & 12th	73·9
July	79·5	78·4	80·3	80·4	79·2	82·9	6·6	76·3	1st	87·1	12·8	4th	74·3
August	79·2	77·4	80·1	80·5	78·7	83·1	7·4	75·7	7th	85·4	11·9	31st	73·5
September	78·9	76·9	79·8	81·2	78·1	83·2	7·7	75·5	8th	86·7	13·3	22nd	73·4
October	81·0	77·5	82·9	84·4	79·4	87·8	11·5	76·3	27th	92·1	20·4	31st	71·7
November	79·3	75·2	81·0	83·5	77·7	87·6	13·8	73·8	3rd	91·1	23·1	30th	68·0
December	76·2	71·5	76·8	81·6	74·6	85·1	15·0	70·1	8th	88·9	22·9	22nd	66·0
Year	78·7	75·5	80·1	82·0	77·6	84·9	10·9	74·0	...	93·5	37·6	...	55·9

95. POONA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	72·4	74·4	83·8	86·5	33·6	52·9	25th	91·9	46·4	23rd	45·5
February	76·4	78·7	89·4	91·5	37·8	53·7	28th	100·6	59·1	9th	41·5
March	81·9	85·6	93·2	96·8	35·4	61·4	22nd	101·2	45·8	27th	55·4
April	86·4	92·4	96·9	102·1	32·9	69·2	30th	107·3	46·6	9th	60·7
May	81·9	86·1	90·7	95·5	24·8	70·7	1st	103·7	37·8	19th	65·9
June	76·5	80·1	80·5	86·5	15·4	71·1	3rd	98·0	29·5	12th	68·5
July	73·6	75·9	75·8	79·6	9·9	69·7	1st	90·4	23·1	25th	67·3
August	74·1	75·7	76·6	80·7	11·9	68·8	19th	85·3	18·5	25th	66·8
September	74·5	77·3	78·4	83·5	15·5	68·0	8th	89·0	24·0	23rd	65·0
October	77·9	80·7	84·8	87·4	21·1	66·3	9th	92·4	37·4	31st	55·0
November	75·4	77·4	82·3	84·1	23·7	60·4	3rd	87·9	39·6	29th	48·3
December	70·5	73·7	80·3	81·9	28·9	53·0	29th	84·7	39·3	22nd	45·4
Year	76·8	79·8	84·4	88·0	24·2	63·8	...	107·3	65·8	...	41·5

96. SHOLAPUR (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	71·7	78·0	86·2	87·6	30·4	57·2	30th	92·9	44·2	23rd	48·7
February	74·8	83·7	91·4	93·1	34·9	58·2*	28th	100·5	51·3	7th	49·2
March	82·7	90·8	98·5	100·7	33·9	66·8	19th	103·0	43·4	9th	59·6
April	88·5	94·9	101·4	104·1	28·6	75·5	27th	109·7	41·1	3rd	68·6
May	85·4	89·6†	97·7†	102·3†	29·2	73·1‡	3rd	106·2	38·4	6th & 7th	67·8
June	79·7	83·7	87·8	91·4	19·8	71·6§	2nd	100·8	32·2	21st	68·6
July	76·4	80·4	82·9	85·8	15·9	69·9	1st	94·4	27·1	31st	67·3
August	75·8	79·7	82·4	86·4	17·2	69·2	2nd, 13th, 27th & 30th.	90·0	23·0	26th	67·0
September	77·0	80·1	83·9	87·5	17·5	70·0	25th	91·0	24·2	15th	66·8
October	76·5	82·5	84·8	88·2	20·0	68·2	9th	93·8	38·6	31st	55·2
November	74·4	81·3	86·1	87·8	25·2	62·6	9th	91·6	41·3	28th	50·3
December	69·3	78·1	82·4	84·4	28·2	56·2	8th	89·0	41·8	21st	47·2
Year	77·7	83·6	88·8	91·6	25·1	66·5	...	109·7	62·5	...	47·2

* Mean of 27 days. † ,, ,, 26 ,, ‡ Mean of 25 days. § ,, ,, 29 ,,

97. RATNAGIRI (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	73·2	82·1	81·6	85·2	20·4	64·8	15th	91·2	32·0	22nd	59·2
February	74·0	83·8	82·5	87·0	21·5	65·5	19th	95·9	38·1	9th	57·8
March	77·7	84·1	84·1	87·2	15·9	71·3	23rd	90·6	24·6	9th	66·0
April	81·0	86·4	86·4	89·1	13·5	75·6	14th	94·2	24·3	9th	69·9
May	83·4	88·2	88·3	90·8	12·4	78·4	1st, 4th, 5th & 31st.	92·0	20·0	7th	72·0
June	78·1	81·6	81·0	83·8	8·7	75·1	1st & 3rd	91·9	22·3	12th	69·6
July	77·8	81·1	80·6	82·8	7·8	75·0	1st	86·8	14·4	12th	72·4
August	77·7	81·2	81·0	83·6	9·2	74·4	24th	85·0	12·8	11th	72·9
September	76·6	80·4	80·0	82·9	9·7	73·2	6th	85·0	14·8	22nd	70·2
October	78·9	86·0	83·7	88·6	14·6	74·0	23rd	95·0	30·8	31st	64·2
November	77·8	87·8	84·9	91·0	20·3	70·7	11th	95·4	30·2	28th	65·2
December	75·9	85·6	84·7	90·6	23·5	67·1	8th	94·2	34·4	21st	59·8
Year	77·7	84·0	83·2	86·9	14·8	72·1	...	95·9	38·1	...	57·8

98. BELGAUM (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	72·2*	75·8	82·9	84·6	28·2	56·4*	26th	90·0	43·2	22nd	46·8
February	76·7	80·8	87·6	89·5	30·1	59·4	28th	95·0	41·6	4th	53·4
March	78·6	83·8	88·5	93·1	30·4	62·7	19th	96·4	40·3	31st	56·1
April	79·6	85·8	86·9	93·9	27·3	66·6	29th	97·6	36·5	1st	61·1
May	77·5	81·3	83·7	89·1	22·0	67·1	17th	95·4	33·9	7th	61·5
June	71·4	73·5	73·1	77·2	10·6	66·6	3rd	89·8	26·3	12th	63·5
July	69·8	71·4	71·1	74·5	8·3	66·2	1st	83·3	18·5	2nd, 12th & 18th.	64·8
August	69·7	72·1	72·1	76·0	10·6	65·4	31st	79·1	15·4	26th	63·7
September	70·5	74·0	73·6	78·6	14·1	64·5	26th	83·8	22·8	23rd	61·0
October	72·7	75·7	76·8	80·8	15·8	65·0	9th	87·5	27·8	31st	59·7
November	72·6	75·1	78·5	80·8*	18·2	62·6	14th	83·6	29·3	17th	54·3
December	69·9	72·4	77·9	78·9	20·7	58·2	13th & 31st	81·8	31·7	21st	50·1
Year	73·4	76·8	79·4	83·1	19·7	63·4	...	97·6	50·8	...	46·8

99. KARWAR (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	73·4	76·0	82·7	85·6	21·6	64·0	16th	89·7	29·7	22nd	60·0
February	74·1	77·2	83·7	87·3	22·9	64·4	18th	96·4	36·2	7th	60·2
March	78·2	82·4	84·9	87·8	16·3	71·5	23rd	93·4	26·6	17th	66·8
April	80·8	84·3	85·8	88·8	13·1	75·7	30th	91·0	22·2	1st	68·8
May	82·4	84·4	86·5	89·2	11·0	78·2	3rd to 5th	90·3	18·5	30th	71·8
June	77·1	79·1	80·1	82·8	8·8	74·0	2nd	89·8	20·7	13th	69·1
July	76·9	79·7	79·6	82·4	8·3	74·1	22nd	85·9	14·9	14th	71·0
August	76·0	78·4	78·9	81·9	8·8	73·1	27th	85·0	13·2	7th, 30th & 31st.	71·8
September	75·9	78·2	79·5	82·1	9·8	72·3	29th	84·3	14·6	26th & 27th	69·7
October	76·8	79·7	81·2	84·6	12·3	72·3	26th&27th	89·6	23·3	31st	66·3
November	77·4	80·0	84·1	87·3	16·7	70·6	26th	90·1	28·7	29th	61·4
December	75·8	79·1	84·7	88·1	21·2	66·9	23rd	91·1	31·8	21st	59·3
Year	77·1	79·9	82·6	85·7	1·42	71·4	...	96·4	37·1	...	59·3

* Mean of 29 days.

100. GOPALPUR (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. o	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. o
January	71·8	77·4	77·2	79·6	13·3	66·3	21st & 27th	82·2	22·2	2nd, 18th & 24th.	60·0
February	73·4	79·5	79·2	81·9	14·4	67·5	15th	85·2	23·3	3rd	61·9
March	79·0	82·1	82·0	83·9	7·9	76·0	23rd & 26th	86·2	20·3	3rd	65·9
April	81·5	84·1	84·3	85·8	7·2	78·6	18th to 20th	87·7	12·9	1st	74·8
May	84·4	86·8	86·5	88·4	6·1	82·3	14th	93·2	19·4	5th	73·8
June	83·6	86·2	85·7	87·8*	6·4	81·4	10th	95·2	17·4	20th	77·8
July	81·7	84·0	83·7	86·3	6·6	79·7	17th	93·2	17·4	15th	75·8
August	82·6	84·6	85·0	86·9	6·7	80·2	26th	89·7	11·9	10th, 11th & 18th.	77·8
September	83·4	86·3	86·6	88·7	8·6	80·1	29th	95·2	18·4	27th	76·8
October	79·8	84·4	83·4	87·8	11·6	76·2	4th	93·7	22·8	30th	70·9
November	74·8	78·9	79·4	81·2	11·1	70·1	12th	86·2	24·3	15th & 28th	61·9
December	69·1	74·8	75·6†	77·3	14·8	62·5	1st to 8th 11th, 14th & 16th	79·2	23·2	22nd	56·0
Year	78·8	82·4	82·4	84·6	9·6	75·1	...	95·2	39·2	...	56·0

* Mean of 28 days. † Mean of 30 days.

101. VIZAGAPATAM (*corrected*).

Month.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. o	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. o
January	76·2	73·2	76·6	79·2	75·6	79·6	7·9	71·7	22nd, 30th & 31st.	82·3	14·3	4th, 5th & 7th.	68·0
February	78·5	75·3	79·1	81·7	77·9	82·3	8·1	74·2	26th	88·0	18·5	18th	69·5
March	83·1	81·3	83·9	84·4	82·6	85·3	5·1	80·2	6th & 25th	87·8	10·0	9th	77·8
April	85·5	83·4	86·6	86·9	84·9	87·8	5·2	82·6	20th	91·8	11·8	1st to 3rd & 5th.	80·0
May	89·1	87·2	90·1	90·6	88·6	91·6	4·8	86·8	15th	97·5	15·5	6th	82·0
June	86·6	85·1	87·5	87·9	85·9	89·0	4·4	84·6	5th	94·0	13·5	14th	80·5
July	84·1	82·5	84·2	86·1	83·6	86·6	4·7	81·9	27th, 30th & 31st.	91·0	13·5	13th	77·5
August	85·3	84·0	85·9	86·6	84·8	87·5	4·2	83·3	2nd	91·8	11·8	11th	80·0
September	85·7	84·0	86·0	87·6	85·0	88·2	5·0	83·2	27th & 29th	90·0	7·8	8th	82·2
October	83·2	81·7	83·7	84·4	82·8	85·3	4·4	80·9	5th	90·2	13·7	31st	76·5
November	78·9	76·8	79·5	80·7	78·5	81·4	5·8	75·6	11th	84·4	15·9	28th	68·5
December	75·4	72·7	75·9	77·7	75·3	78·5	7·4	71·1	7th	80·7	14·9	23rd	65·8
Year	82·6	80·6	83·3	84·5	82·1	85·3	5·6	79·7	...	97·5	31·7	...	65·8

102. RAJAHMUNDRY (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum Day.	Highest Maximum o	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. o
January	76·0	78·7	84·4	86·9	21·9	65·0	30th	92·8	31·7	2nd	61·1
February	79·3	81·6	89·5	92·1	25·2	66·9	27th	98·9	35·6	2nd	63·3
March	84·5	86·4	93·0	96·3	22·1	74·2	4th	100·0	30·0	1st	70·0
April	87·3	89·4	95·7	99·1	22·3	76·8	22nd	105·1	40·7	11th	64·4
May	93·8	96·3	102·4	107·2	24·4	82·8	16th	114·1	37·6	5th	76·5
June	87·3	89·2	93·0	96·3	16·6	79·7	3rd	110·1	36·2	14th	73·9
July	81·7	83·2	85·0	87·7	10·9	76·8	1st	97·0	22·9	14th	74·1
August	82·0	83·7	85·2	89·1	12·0	77·1	3rd & 27th	93·0	19·7	10th	73·3
September	84·3	87·1	88·8	92·4	15·3	77·1	30th	98·0	24·7	3rd	73·3
October	81·6	85·4	84·8	89·8	15·2	74·6	5th	99·0	29·0	31st	70·0
November	78·0	81·3	82·7	86·3	16·4	69·9	12th	91·0	29·7	28th	61·3
December	74·6	79·1	81·3	85·0	21·6	63·4	8th	88·0	30·6	21st	57·4
Year	82·5	85·1	88·8	92·4	18·7	73·7	...	114·1	56·7	...	57·4

103. MASULIPATAM (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. o	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. o
January	74·4	79·4	80·3	83·5	17·5	66·0	30th & 31st	91·2	30·0	23rd	61·2
February	75·8	81·8	82·4	85·9	19·6	66·3	28th	91·2	28·5	16th	62·7
March	80·1	85·9	85·4	89·7	17·7	72·0	6th	93·7	26·3	1st	67·4
April	83·1	89·0	88·3	92·1	16·4	75·7	21st	94·8	22·9	7th & 8th	71·9
May	92·1	97·5	100·0	103·9	21·2	82·7	12th	114·4	35·0	7th	79·4
June	86·0	90·4	92·2	96·8	17·7	79·1	2nd	106·1	33·1	12th	73·0
July	83·1	85·6	89·1	90·8	13·8	77·0	1st	100·1	27·1	3rd	73·0
August	82·2	84·7	88·1	90·9	14·6	76·3	2nd	98·5	26·2	19th	72·3
September	83·7	86·9	89·3	92·2	15·4	76·8	19th, 29th & 30th.	95·2	22·3	5th	72·9
October	80·8	84·7	84·6	88·6	13·3	75·3	4th	95·8	26·1	31st	69·7
November	80·6	81·9	84·3	13·4	70·9	13th	87·9	24·7	28th	63·2	
December	79·5	82·4	17·5	64·9	6th	85·3	26·2	21st	59·1		
Year	81·0	85·4	86·8	90·1	16·5	73·6	...	114·4	55·3	...	59·1

104. SECUNDERABAD (*corrected*).

Month.	Mean.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	71·0	74·2	83·2	69·0	85·4	26·4	59·0	26th	89·6	37·5	24th	52·1
February	75·4	78·6	88·6	74·0	90·9	29·4	61·5	28th	100·1	45·5	2nd	54·6
March	83·4	86·9	96·0	81·9	98·7	28·9	69·8	28th	102·6	38·9	8th	63·7
April	86·3	89·7	97·0	85·1	100·7	26·1	74·6	22nd	106·9	40·7	3rd	66·2
May	89·3	91·0	101·0	87·4	103·6	25·1	78·5	18th	106·7	35·2	5th	71·5
June	80·3	82·3	87·4	79·0	91·3	18·0	73·3	3rd	102·8	33·3	13th	69·5
July	76·0	77·1	81·0	75·2	83·4	12·4	71·0	1st	93·5	24·7	17th	68·8
August	76·1	78·0	81·4	74·4	85·1	14·1	71·0	27th	91·1	22·3	11th	68·8
September	77·4	80·4	83·0	75·3	87·0	16·1	70·9	30th	91·6	22·8	3rd	68·8
October	76·7	80·5	83·4	74·4	86·8	17·7	69·1	7th	92·6	28·3	21st	64·3
November	72·4	76·6	80·0	69·9	83·1	19·2	63·9	13th	87·2	35·8	28th	51·4
December	68·4	72·8	79·2	66·1	81·3	23·9	57·4	10th	85·2	36·5	21st	48·7
Year	77·7	80·7	86·8	76·0	89·8	21·4	68·3	...	106·9	58·2	...	48·7

105. KURNOOL (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	74·8	79·2	86·8	89·2	30·7	58·5	30th	95 0	41·6	24th	53·4
February	79·6	84·3	93·0	94·8	33·4	61·4	28th	101·7	46·0	1st & 3rd	55·7
March	86·8	90·7	98·6	101·2	30·0	71·2	26th	106·1	41·6	8th	64·5
April	90·2	92·8	100·7	Not recorded.		77·2	...	?	?	6th	71·3
May	90·2	90·7	100·9	Ditto.		78·9	...	?	?	5th	71·1
June	83·2	85·2	90·0	Ditto.		74·4	...	?	?	26th	69·9
July	85·9	89·0	16·1	72·9			30th	94·7	24·0	12th	70·7
August	86·0	87·9	15·2	72·7			3rd	94·7	25·0	6th	69·7
September	85·8	88·3	15·2	73·1			30th	92·7	21·9	15th	70·8
October	86·1	90·2	18·8	71·4			6th	94·7	28·4	18th & 20th	66·3
November	85·0	87·6	22·0	65·6			13th	92·1	39·4	29th	52·7
December	82·9	85·3*	25·0	60·3			6th	88·6	38·4	21st	50·2
Year	90·1	?	?	69·8			...	?	?	...	50·2

* Mean of 25 days.

106. BELLARY (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	74·1	78·1	86·8	88·6	27·2	61·4	26th	93·3	35·7	26th	57·6
February	77·8	82·6	92·0	93·5	30·0	63·5*	28th	100·2	41·2	6th	59·0
March	84·7	87·3	97·5	99·7	27·8	71·9	18th & 26th	102·3	37·1	1st	65·2
April	87·4	91·5	98·1	102·0	25·4	76·6	22nd	106·2	35·9	10th	70·3
May	87·1	88·1	98·7	100·4	25·0	75·4	17th	103·6	38·2	5th	65·4
June	80·9	83·9	87·8	92·2	18·2	74·0*	1st	100·5	30·5	26th	70·0
July	78·9	81·2	84·5	87·4	14·2	73·2	31st	92·9	23·1	1st	69·8
August	79·2	81·2	86·5	88·9	17·0	71·9	4th	94·3	25·2	26th	69·1
September	79·0	80·9	85·7	89·0	16·7	72·3	27th	95·2	25·4	14th &27th	69·8
October	76·9	81·3	83·4	87·6	17·3	70·3	6th	93·9	29·3	20th	64·6
November	74·6	79·6	82·9	85·3	19·1	66·2	22nd	89·0	33·0	29th	56·0
December	71·1	76·0	80·8	85·2	21·9	61·3	7th	86·9	31·6	21st	55·3
Year	79·3	82·6	88·7	91·5	21·7	69·8	...	106·2	50·9	...	55·3

107. MANGALORE (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	76·3	81·0	83·3	86·4	17·2	69·2	16th	91·3	23·8	29th	67·5
February	77·6	82·8	84·8	88·6	18·3	70·3	17th	97·8	30·3	17th, 18th & 20th.	67·5
March	80·8	84·5	85·7	88·4	12·5	75·9	23rd	92·8	19·3	16th	73·5
April	82·3	85·6	87·0	89·8	12·2	77·6	15th & 17th	91·2	19·3	24th	71·9
May	82·1	84·6	86·6	89·2	11·7	77·5	5th	91·2	16·8	30th	74·4
June	76·4	78·4	79·1	82·5	8·9	73·6	1st	89·6	18·8	11th	70·8
July	76·4	78·8	79·4	82·7	9·4	73·3	8th	88·1	17·3	10th	70·8
August	76·7	78·9	79·8	82·3	8·7	73·6	28th	86·0	14·7	4th	71·3
September	76·1	78·4	79·4	82·1	9·4	72·7	9th, 25th & 26th.	84·2	13·8	27th	70·4
October	77·3	80·4	81·0	83·9	10·4	73·5	22nd	89·2	18·7	24th	70·5
November	78·6	82·5	83·6	86·7	13·1	73·6	26th	92·2	23·2	30th	69·0
December	78·1	82·9	84·9	89·4	18·1	71·3	30th	91·8	26·3	20th	65·5
Year	78·2	81·6	82·9	86·0	12·5	73·5	...	97·8	32·3	...	65·5

* Mean of 27 days.

108*A*. MERCARA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolut range.	Lowest Minimum. Day.	Lowest Minimum. °
January	65·2	69·3	75·2	78·2	23·1	55·1	31st	83·3	33·5	9th	49·8
February	67·8	73·0	79·1	81·9	25·5	56·4	27th	87·9	35·5	8th	52·4
March	70·1	76·3	78·9	83·7	22·5	61·2	5th	86·9	32·1	5th	54·8
April	70·5	77·4	77·1	84·1	20·2	63·9	6th	87·3	29·7	1st	57·6
May	69·4	72·5	75·0	79·6	15·9	63·7	17th	84·8	24·4	3rd	60·4
June	64·5	66·8	66·3	70·6	7·9	62·7	1st	81·1	21·3	12th	59·8
July	63·1	64·9	64·3	68·7	6·9	61·8	18th	73·7	14·1	3rd	59·6
August	64·0	66·4	66·0	71·2	9·3	61·9	26th	75·4	14·7	7th & 31st	60·7
September	Discontinued.										
October											
November											
December											
Year											

108*B*. MERCARA (CIVIL DISPENSARY) (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range	Lowest Minimum. Day.	Lowest Minimum. °
January	65·9	68·1	74·1	77·5	19·9	57·6	31st	81·5	27·2	9th	54·3
February	67·3	72·0	77·4	80·4	23·3	57·1	27th	86·2	33·8	17th	52·4
March	69·7	75·6	77·7	81·7	20·1	61·6	5th	87·0	30·3	5th	56·7
April	69·9	76·9	76·2	81·5	18·0	63·5	6th	87·1	29·6	1st	57·5
May	68·7	72·1	73·8	78·0	14·4	63·6	29th	81·7	21·2	3rd	60·5
June	63·8	66·2	65·9	69·0	7·4	61·6	1st	83·7	25·5	15th	58·2
July	62·7	64·7	64·2	67·1	5·9	61·2	18th	71·3	12·0	3rd	59·3
August	63·6	66·1	65·6	72·2	10·6	61·6	12th	76·8	16·5	7th	60·3
September	63·4	66·4	66·4	72·5	12·1	60·4	30th	78·5	24·3	27th	54·2
October	65·5	69·3	69·1	74·5	12·6	61·9	24th	80·2	21·7	2nd	58·5
November	65·1	68·3	68·9	74·8	13·6	61·2	18th	80·8	26·6	30th	54·2
December	63·6	65·1	69·3	73·4	15·5	57·9	30th	76·8	27·3	19th	49·5
Year	65·8	69·2	70·7	75·2	14·5	60·8	...	87·1	37·6	...	49·5

109. BANGALORE (*corrected*).

Month.	Mean.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	68·1	71·6	79·2	65·4	81·2	23·6	57·6	26th	86·7	32·6	8th & 9th	54·1
February	70·5	75·4	83·1	67·5	85·2	28·2	57·0	27 t	90·9	37·8	16th, 20th & 21st.	53·1
March	77·0	80·2	88·4	75·5	90·4	25·4	65·0	28th	93·6	34·5	5th	59·1
April	79·8	81·8	89·9	79·1	92·7	23·6	69·1	20th	96·9	30·9	2nd, 5th & 6th.	66·0
May	78·1	79·9	88·1	77·8	89·9	22·3	67·6	4th	93·4	31·2	5th & 31st	62·2
June	72·6	74·7	78·7	71·7	82·8	16·8	66·0	27th	88·4	24·4	9th	64·0
July	71·1	73·1	77·1	70·0	80·2	15·4	64·8	27th	85·0	22·0	3rd, 12th, 16th, 17th & 31st.	63·0
August	72·3	73·6	79·2	71·0	81·6	16·0	65·6	4th & 7th	85·1	22·9	4th	62·2
September	71·7	73·5	78·9	70·0	81·3	16·8	64·5	30th	86·7	25·6	15th	61·1
October	70·5	73·9	74·9	68·7	79·3	14·4	64·9	1st	85·9	24·9	10th	61·0
November	69·0	72·0	74·4	67·6	77·9	15·2	62·7	8th & 27th	81·0	26·1	18th	54·9
December	66·2	68·4	72·5	65·7	75·3	15·8	59·5	12th	79·1	26·2	4th & 19th	52·9
Year	72·2	74·8	80·4	70·8	83·2	19·5	63·7	...	96·9	44·0	...	52·9

110. CUDDAPAH (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	77·2	79·8	87·1	88·8	24·0	64·8	30th	96·5	34·7	16th	61·8
February	80·8	83·9	92·6	94·5	28·7	65·8	27th	102·4	44·1	16th	58·3
March	88·9	91·1	99·9	102·1	26·5	75·6	28th	106·2	35·4	5th	70·8
April	91·5	93·6	101·6	103·9	24·6	79·3	21st	109·4	34·4	3rd	75·0
May	93·0	93·7	102·5	104·9	22·0	82·9	30th	107·8	33·9	5th	73·9
June	86·4	87·8	93·5	97·1	19·3	77·8	1st	106·4	36·6	24th	69·8
July	84·1	85·7	90·2	93·5	17·1	76·4	31st	100·3	27·6	16th	72·7
August	82·6	84·1	88·3	91·7	16·2	75·5	3dr.	99·8	28·9	7th	70·9
September	82·0	83·6	87·2	90·5	15·2	75·3	27th	96·7	24·0	7th	72·7
October	80·7	83·3	84·8	88·7	14·6	74·1	6th	96·0	26·7	31 st	69·3
November	76·5	78·9	80·4	84·5	14·4	70·1	4th	88·6	25·8	29th	62·8
December	74·1	76·0	79·9	82·6	16·2	66·4	2nd	86·1	26·5	20th	59·6
Year	83·2	85·1	90·7	93·6	19·9	73·7	...	109·4	51·1	...	35·8

111. MADRAS (*corrected*).

Month.	Mean.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	74·9	80·3	80·8	72·7	85·4	18·5	66·9	30th	90·5	28·1	26th	62·4
February	75·8	82·0	82·9	73·3	86·8	20·9	65·9	26th	92·1	31·5	22nd	60·6
March	79·9	85·6	84·8	78·1	89·2	17·6	71·6	6th	94·7	28·8	6th	65·9
April	83·7	89·4	87·5	82·0	91·4	14·8	76·6	28th	94·1	20·0	14th	74·1
May	88·4	95·3	91·3	85·5	99·3	16·9	82·4	17th	106·7	30·7	5th	76·0
June	85·8	89·6	91·0	83·9	96·7	17·3	79·4	23rd	102·3	27·0	21st	75·3
July	85·1	87·8	91·3	82·7	94·4	15·6	78·8	26th	101·5	26·6	6th	74·9
August	82·2	85·6	86·0	80·7	91·4	14·4	77·0	4th	97·6	23·7	24th	73·9
September	81·8	86·2	85·0	79·6	91·3	14·8	76·5	20th	97·0	24·0	27th	73·0
October	79·5	82·0	82·4	78·6	86·1	10·7	75·4	2nd	93·7	21·6	31st	72·1
November	77·6	80·8	80·8	75·9	84·7	11·7	73·0	20th	87·6	21·6	29th	66·0
December	75·3	78·1	78·2	74·7	81·9	10·7	71·2	9th	85·1	18·2	19th	66·9
Year	80·8	85·2	85·2	79·0	89·9	15·3	74·6	...	106·7	46·1	...	60·6

112. SALEM (*corrected*).

Month.	Mean.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	76·3	80·1	88·0	75·7	90·1	27·2	62·9	30th	95·4	36·6	10th, 11th & 27th.	58·8
February	78·1	81·2	92·0	77·8	94·1	31·5	62·6	27th	100·5	45·1	17th	55·4
March	82·8	85·7	95·5	82·2	98·0	29·1	68·9	16th	101·0	40·3	6th	60·7
April	84·5	87·3	95·3	83·6	98·3	25·3	73·0	27th	104·7	39·9	2nd	64·8
May	84·2	87·3	95·4	82·5	98·0	25·4	72·6	4th	103·9	35·2	19th	68·7
June	79·6	82·8	87·7	78·3	91·2	21·0	70·2	2nd & 3rd	96·5	28·7	12th & 25th	67·8
July	79·7	82·9	88·2	78·7	91·4	21·8	69·6	17th, 22nd, 26th & 27th.	95·5	29·1	12th	66·4
August	79·7	82·4	88·7	78·2	91·4	21·6	69·8	3rd & 5th	96·6	31·9	26th	64·7
September	79·3	82·4	88·1	78·1	90·4	21·7	68·7	28th & 30th	96·5	30·6	17th	65·9
October	77·1	80·6	83·6	77·3	87·3	19·7	67·6	2nd	97·5	33·7	27th	63·8
November	75·4	79·9	82·1	74·9	85·5	19·9	65·6	19th	89·0	30·5	30th	58·5
December	73·8	77·4	80·8	74·7	83·5	19·8	63·7	13th	88·3	32·6	4th	55·7
Year	79·2	82·5	88·8	78·5	91·6	23·7	67·9	...	104·7	49·3	...	55·4

113. WELLINGTON (*corrected*).

Month.	Mean.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	56·9	64·9	64·8	53·5	69·5	23·7	45·8	8th	73·1	34·3	10th	38·8
February	58·1	65·6	67·1	54·7	71·7	25·4	46·3	23rd	77·1	37·5	6th	39·6
March	62·6	69·0	69·5	60·0	73·4	20·7	52·7	14th & 28th	77·1	29·8	5th	47·3
April	63·7	69·2	69·5	61·5	73·8	18·3	55·5	22nd	80·2	29·6	15th	50·6
May	64·9	71·6	70·5	61·3	75·3	18·5	56·8	3rd	79·6	29·1	8th	50·5
June	62·0	66·0	64·6	60·4	69·1	11·7	57·4	3rd	75·5	22·0	23rd	53·5
July	62·0	65·5	65·4	59·8	69·3	11·7	57·6	22nd	73·8	20·0	31st	53·8
August	62·1	67·3	65·9	59·5	70·3	14·4	56·1	4th	74·0	22·6	7th	51·4
September	61·6	66·8	66·2	58·6	71·1	16·3	54·8	17th	76·0	26·9	18th	49·1
October	60·1	64·3	63·1	58·3	67·6	12·3	55·3	1st	74·6	25·2	1st	49·4
November	58·6	62·6	61·7	56·9	66·1	12·5	53·6	15th	69·1	30·9	30th	38·2
December	56·3	60·7	60·2	54·8	64·2	13·7	50·5	5th & 16th	69·1	31·2	2nd	37·9
Year	60·7	66·1	65·7	58·3	70·1	16·6	53·5	...	80·2	42·3	...	37·9

114. CALICUT (*corrected*).*

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	Rejected. Defective exposure.										
February	Ditto.										
March	Ditto.										
April	82·9	85·6†	88·3†	91·1†	13·7	77·4	15th & 23rd	92·8	20·3	28th	72·5
May	82·0	85·0	87·5	90·0	13·6	76·4	10th	91·6	18·6	7th	73·0
June	76·8	78·0	80·3	82·4	9·2	73·2	1st	88·8	17·7	13th	71·1
July	76·3	77·9	79·9	82·6	10·0	72·6	16th	86·8	16·9	6th	69·9
August	77·7	79·7	81·6	84·3	10·5	73·8	7th	86·5	14·4	14th	72·1
September	76·6	78·1	80·4	82·5	9·8	72·7	20th	84·9	15·8	28th	69·1
October	78·3	80·6	82·4	85·2	11·1	74·1	22nd	87·8	16·2	1st & 10th	71·6
November	78·9	81·4	84·5	86·2	12·9	73·3	25th	88·9	18·3	30th	70·6
December	77·6	81·5	84·3	87·0	16·2	70·8	7th	89·0	22·4	2nd & 20th	66·6
Year	?	?	?	?	?	?	...	?	?	...	?

* The shade thermometers were removed to a shed on the 3rd April 1887.
† Mean of 28 days.

115 COIMBATORE (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	75·1	76·4	86·6	89·0	25·0	64·0	30th	95·1	37·2	9th & 10th	57·9
February	76·2	78·6	89·5	91·5	28·2	63·3	27th	97·4	41·7	17th	55·7
March	80·6	82·8	91·8	95·1	25·0	70·1	16th	99·0	36·7	4th	62·3
April	82·6	84·9	92·8	97·0*	23·3	73·7	21st	101·4	32·0	29th	69·4
May	80·0	84·1	88·5	Shade maximum not recorded.		71·8	...	?	?	5th	67·5
June	75·5	79·3	80·2	Do. Imperfect.		70·3	...	?	?	11th	66·9
July	76·1	79·9	81·7	87·1	17·2	69·9	29th	92·3	26·1	3rd & 12th	66·2
August	77·8	80·2	84·5	89·6	19·1	70·5	25th	94·9	26·2	4th	68·7
September	76·5	81·1	83·4	89·4	20·2	69·2	19th	93·1	27·9	30th	65·2
October	75·6	78·8	81·0	86·2	16·1	70·1	2nd	91·5	29·4	1st	62·1
November	75·5	77·9	80·6	84·7	14·4	70·3	13th	90·5	24·8	14th	65·7
December	72·4	75·4	78·0	80·3	13·2	67·1	5th	87·6	25·3	19th	62·3
Year	77·0	80·0	84·9	?	?	69·2	...	?	?	...	55·7

* Mean of 28 days.

116. TRICHINOPOLY (*corrected*).

Month.	Mean.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	77·4	80·4	87·5	75·5	89·3	22·0	67·3	27th	94·6	33·0	10th	61·6
February	78·8	82·0	91·2	75·9	93·1	25·9	67·2	28th	99·0	36·9	21st	62·1
March	83·6	86·1	95·7	81·3	97·6	25·3	72·3	30th	102·3	39·6	5th	62·7
April	86·2	88·6	96·1	83·6	99·1	21·8	77·3	27th	105·8	32·3	30th	73·5
May	88·1	90·5	99·0	85·0	101·5	22·7	78·8	18th	105·4	31·5	5th	73·9
June	84·4	88·1	92·0	81·2	96·8	19·6	77·2	1st	103·3	30·1	25th	73·2
July	85·2	87·9	93·4	82·7	96·3	18·7	77·6	18th	101·2	26·1	1st	75·1
August	83·9	86·5	93·7	79·8	96·3	20·3	76·0	21st	100·2	29·3	26th	70·9
September	83·8	86·7	92·5	80·5	95·4	19·7	75·7	25th	99·7	26·0	28th	73·7
October	79·5	82·0	84·7	78·1	88·1	14·4	73·7	1st & 2nd	98·4	26·5	5th & 24th	71·9
November	79·8	81·7	76·0		85·9	13·9	72·0	4th	90·8	25·3	30th	65·5
December	74·8	77·5	78·5	73·5	82·0	11·5	70·5	4th	88·3	24·4	4th	63·9
Year	81·9	84·8	90·5	79·4	93·5	19·7	73·8	...	105·8	44·2	...	61·6

117. NEGAPATAM (*corrected*).

Month.	Mean.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	76·8	80·1	80·5	77·0	82·9	12·4	70·5	27th	84·7	19·0	27th	65·7
February	78·2	82·1	82·5	77·8	85·0	14·0	71·0	28th	90·2	25·1	7th	65·1
March	80·9	85·1	85·5	80·0	88·4	14·8	73·6	28th	96·2	32·3	6th	63·9
April	83·6	87·5	87·0	82·6	90·5	13·0	77·5	23rd	97·3	23·6	3rd & 30th	73·7
May	86·0	90·2	91·8	83·6	97·4	18·3	79·1	10th	102·6	30·5	5th	72·1
June	83·3	87·7	88·3	81·2	94·2	17·4	76·8	1st	100·2	27·0	30th	73·2
July	83·8	86·7	89·8	82·4	94·5	17·5	77·0	17th	98·9	24·2	16th	74·7
August	82·9	85·7	88·2	81·5	93·0	16·4	76·6	8th	87·4	14·3	10th and 15th.	73·1
September	83·3	85·5	89·6	81·6	93·5	17·2	76·3	21st	96·2	22·7	3rd	73·5
October	79·6	81·7	83·3	79·6	86·2	11·8	74·4	2nd & 5th	94·6	23·1	3rd	71·5
November	78·5	80·5	81·1	79·2	83·5	9·8	73·7	3rd	88·0	19·2	29th	68·8
December	76·0	77·4	78·3	76·8	80·2	7·9	72·3	5th	84·7	16·6	4th	68·1
Year	81·1	84·2	85·5	80·3	89·1	14·2	74·9	...	102·6	38·7	...	63·9

118. MADURA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	78·3	80·8	87·3	89·7	21·9	67·8	28th and 29th.	94·9	32·0	10th	62·9
February	79·7	83·2	90·1	92·4	24·1	68·3	26th	99·1	35·6	2nd	63·5
March	82·9	86·9	94·2	96·7	24·9	71·8	29th	100·1	35·6	6th	64·5
April	85·4	89·2	94·4	97·3	20·7	76·6	22nd	104·1	32·5	30th	71·6
May	87·0	90·7	96·8	99·4	21·5	77·9	10th	104·8	31·6	1st	73·2
June	82·5	88·7	89·1	95·5	19·6	75·9	23rd	101·6	30·8	24th	70·8
July	84·7	89·9	92·1	97·1	20·2	76·9	18th	103·2	31·2	16th	72·0
August	83·6	87·9	91·2	95·9	20·4	75·5	1st	101·6	29·9	26th	71·7
September	83·5	88·9	91·1	95·8	20·5	75·3	18th	100·1	29·5	29th	70·6
October	79·7	83·5	85·5	90·0	16·8	73·2	13th	97·6	27·1	20th	70·5
November	78·3	81·6	82·5	86·5	13·8	72·7	3rd	90·4	20·7	30th	69·7
December	75·7	78·3	79·0	82·3	11·2	71·1	5th	89·4	22·2	4th	67·2
Year	81·8	85·8	89·4	93·2	19·6	73·6	...	104·8	41·9	...	62·9

119. COCHIN (*corrected*).

Month	Mean.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. o	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. o
January	79·3	83·2	85·1	77·7	Imperfect		72·1	...	?	?	8th	68·7
February	79·8	84·2	86·3	77·4	88·7	16·8	71·9	16th	93·6	28·8	18th	64·8
March	82·2	85·3	86·5	81·3	88·6	12·3	76·3	17th & 19th	90·8	16·7	24th	74·1
April	82·4	85·3	86·4	80·9	90·6	13·2	77·4	24th	93·3	21·6	30th	71·7
May	81·6	84·1	85·3	81·0	89·5	13·2	76·3	13th	92·2	20·5	6th	71·7
June	76·1	77·7	78·6	76·0	Not recorded.		72·7	...	?	?	11th	70·4
July	77·3	79·5	80·1	76·5	Ditto.		73·3	...	?	?	7th	67·7
August	78·2	80·7	80·9	77·2	83·7	9·5	74·2	27th	85·6	13·5	13th & 31st	72·1
September	77·5	79·4	80·6	76·7	82·7	9·2	73·5	14th	84·4	13·5	1st	70·9
October	78·4	80·9	82·1	77·1	85·2	11·5	73·7	7th	87·5	16·8	1st	70·7
November	79·5	83·0	83·5	77·8	86·9	12·7	74·2	9th & 22nd	88·2	16·5	5th	71·7
December	78·6	81·7	83·6	77·0	87·2	14·1	73·1	31st	91·3	22·0	5th	69·3
Year	79·2	82·1	83·3	78·1	?	?	74·1	...	?	?	...	64·8

120. COLOMBO (*corrected*).

Month	Mean.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. o	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. o
January	79·7	88·0	16·2	71·8	14th	90·7	23·4	30th	67·3
February	79·9	88·5	17·2	71·3	19th	94·2	27·4	1st	66·8
March	81·0	88·2	15·2	73·0	30th	91·2	22·6	7th	68·6
April	81·0	87·5	12·5	75·0	2nd	91·7	22·9	28th	68·8
May	81·8	86·6	9·1	77·5	10th	89·0	15·7	24th	73·3
June	79·4	84·2	9·1	75·1	14th	85·9	13·1	1st	72·8
July	80·1	84·6	8·8	75·8	30th	85·9	12·1	15th	73·8
August	80·0	85·2	9·7	75·5	...	87·0	15·2	7th	71·8
September	80·4	85·2	9·5	75·7	...	87·0	14·2	1st	72·8
October	78·7	84·8	11·4	73·4	3rd	87·7	16·9	2nd	70·8
November	80·1	86·2	12·7	73·5	21st	88·7	17·4	22nd	71·3
December	78·2	85·2	12·9	72·3	2nd	89·8	19·0	...	70·8
Year	80·0	86·2	12·0	74·2	...	94·2	27·4	...	66·8

121. JAFFNA (*corrected*).

Month.	Mean.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. o	Absolute range	Lowest Minimum. Day.	Lowest Minimum. o
January	77·7	85·6	15·4	70·2	22nd	88·4	22·4	30th	66·0
February	78·9	87·2	17·2	70·0	24th	90·4	26·4	7th	64·0
March	82·6	90·6	15·5	75·1	17th	93·6	25·6	5th	68·0
April	84·7	91·8	13·3	78·5	7th	95·3	21·3	3rd	74·0
May	83·7	88·4	8·4	80·0	5th	95·2	21·2	5th	74·0
June	81·8	86·5	7·8	78·7	26th	89·4	16·1	2nd	73·3
July	82·2	87·2	8·5	78·7	1st	92·8	15·8	...	77·0
August	81·9	87·2	9·2	78·0	3rd	95·0	22·0	10th	73·0
September	82·5	85·0	6·8	78·2	5th	88·8	12·6	...	76·2
October	79·6	Not recorded.		75·5	...	?	?	19th	72·4
November	78·9	82·8	8·9	73·9	20th	86·5	16·0	30th	70·0
December	76·4	79·7	6·6	73·1	7th	84·0	12·8	17th	71·2
Year	80·9	?	?	75·8	...	95·3	31·3	...	64·0

122. TRINCOMALEE (*corrected*).

Month.	Mean.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. o	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. o
January	77·4	83·8	9·1	74·7	22nd	90·1	21·0	28th	69·1
February	78·3	85·5	11·1	74·4	17th	90·8	24·3	1st	66·5
March	80·1	92·5	20·2	72·3	28th	98·8	31·7	6th	67·1
April	82·2	93·8	18·0	75·8	23rd	99·4	26·0	29th	73·4
May	85·0	97·5	19·5	78·0	17th	101·8	27·0	31st	74·8
June	84·0	96·4	19·6	76·8	21st	99·1	26·9	28th	72·2
July	83·2	96·3	19·5	76·8	22nd	100·3	28·3	31st	72·0
August	82·5	96·6	21·2	75·4	21st	101·2	29·2	...	72·0
September	82·2	95·8	20·2	75·6	29th	101·0	27·9	...	73·1
October	79·5	90·4	16·1	74·3	2nd	101·4	29·4	20th	72·0
November	78·6	87·0	12·7	74·3	3rd	93·3	21·0	19th	72·3
December	76·3	84·0	10·7	73·3	7th	89·2	18·1	5th	71·1
Year	80·8	91·6	16·5	75·1	...	101·8	35·3	...	66·5

123. BATTICALOA (*corrected*).

Month.	Mean.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	75·8	82·3	10·9	71·5	24th	84·0	16·4	30th	67·6
February	76·4	83·6	12·4	71·2	27th	86·2	20·0	3rd	66·2
March	78·5	87·8	16·7	71·1	...	91·0	27·2	6th	63·8
April	80·9	90·7	16·2	74·5	22nd	93·6	21·6	2nd	72·0
May	83·4	94·1	17·7	76·4	21st	99·0	24·6	31st	74·4
June	82·6	93·5	17·7	75·8	...	96·0	23·0	28th	73·0
July	82·7	94·0	18·9	75·1	...	98·0	24·8	11th	73·2
August	81·0	90·5	15·9	74·6	1st	95·0	24·8	5th	70·2
September	82·2	93·6	18·4	75·2	16th	98·0	26·6	22nd	71·4
October	79·4	89·5	15·8	73·7	4th	97·0	25·2	26th	71·8
November	78·5	86·6	13·6	73·0	3rd	89·5	17·9	18th	71·6
December	76·0	82·8	10·2	72·6	11th	85·1	15·1	4th	70·0
Year	79·8	89·1	15·4	73·7	...	99·0	35·2	...	63·8

124. HAMBANTOTA (*corrected*).

Month.	Mean.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	78·0	?	?	71·5	...	?	?	11th	67·1
February	79·1	?	?	71·3	...	?	?	6th	61·1
March	79·9	?	?	71·7	...	?	?	7th	65·1
April	81·3	?	?	75·1	...	?	?	1st	69·1
May	79·9	85·2	10·1	75·1	...	88·1	16·0	...	72·1
June	79·5	85·2	10·5	74·7	...	87·1	14·0	...	73·1
July	79·6	85·8	11·2	74·6	...	90·1	17·0	26th	73·1
August	79·5	85·6	11·0	74·6	26th	90·1	18·0	...	72·1
September	80·6	87·2	12·8	74·4	16th	95·1	25·0	20th	70·1
October	78·8	85·4	12·0	73·4	6th	91·0	19·9	...	71·1
November	79·1	85·2	12·4	72·8	21st	88·1	17·0	...	71·1
December	77·4	82·8	10·2	73·6	3rd	86·1	15·0	...	71·1
Year	79·4	?	?	73·5	...	?	?	...	61·1

125. GALLE (*corrected*).

Month.	Mean.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	77·7	81·5	7·3	74·2	10th	84·2	13·2	11th	71·0
February	78·1	82·6	8·6	74·0	10th	85·1	24·2	18th	70·9
March	79·9	84·8	9·5	75·3	30th	87·2	17·2	7th	70·0
April	80·7	85·1	7·5	77·6	...	87·0	13·3	24th	73·7
May	81·2	84·1	4·8	79·3	10th	86·6	10·6	25th	76·0
June	79·0	81·9	5·0	76·9	..	83·2	9·8	15th	73·4
July	79·7	82·2	4·4	77·8	17th	84·0	9·0	1st	75·0
August	79·7	82·6	4·8	77·8	...	84·2	10·2	7th	74·0
September	80·1	83·1	5·4	77·7	...	84·2	9·3	30th	74·9
October	77·9	81·1	5·7	75·4	1st	84·0	10·0	...	74·0
November	78·9	82·3	6·4	75·9	21st	84·0	10·2	27th	73·8
December	77·5	81·3	6·6	74·7	12th	84·6	11·7	16th	72·9
Year	79·2	82·7	6·3	76·4	...	87·2	17·2	...	70·0

126. KANDY (*corrected*).

Month.	Mean.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	72·5	84·6	20·5	64·1	3rd	89·6	37·0	30th	52·6
February	73·3	86·7	23·0	63·7	9th	90·2	38·0	28th	52·2
March	76·0	90·1	27·4	62·7	30th	92·4	37·4	7th	55·0
April	76·3	89·3	21·7	67·6	...	91·6	27·6	2nd	64·0
May	77·2	87·4	18·3	69·1	16th	90·6	26·6	9th	64·0
June	74·9	83·5	14·3	69·2	8th	86·5	19·5	26th	67·0
July	75·0	83·6	14·8	68·8	18th	88·2	23·4	18th	64·8
August	75·1	85·8	17·5	68·3	17th	90·8	26·0	23rd	64·8
September	74·9	85·7	18·5	67·2	28th	91·0	31·0	30th	60·0
October	73·4	87·0	19·9	67·1	5th	94·0	36·0	2nd	58·0
November	74·2	85·7	19·1	66·6	10th	88·0	25·0	22nd	63·0
December	72·7	82·3	14·9	67·4	7th	89·4	24·9	1st	64·5
Year	74·6	86·0	19·2	66·8	...	94·0	41·8	...	52·2

127. NEWERA ELIYA (*corrected*).

Month.	Mean.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range	Lowest Minimum. Day.	Lowest Minimum. °
January	55·7	67·1	20·3	46·8	9th	71·3	33·0	26th	38·3
February	56·2	68·6	23·5	45·1	6th	74·0	38·5	27th	35·5
March	57·9	71·9	28·9	43·9	14th	76·2	42·5	3rd	33·7
April	58·3	70·7	21·2	49·5	2nd	75·8	35·8	1st	40·0
May	58·5	69.6	17·9	51·7	17th	74·8	28·8	14th	46·0
June	55·0	62·6	10·1	52·5	22nd	67·7	16·7	12th	51·0
July	55·5	63·1	12·0	51·1	18th	70·0	28·0	17th	42·0
August	56·4	65·8	14·7	51·1	24th	71·0	25·3	5th	45·7
September	56·4	65·3	14·6	50·7	22nd	74·0	30·5	22nd	43·5
October	56·3	66·8	16·9	49·9	2nd	73·4	29·4	4th	44·0
November	56·0	66·9	18·7	48·2	9th	69·7	27·2	...	42·5
December	55·8	64·2	12·8	51·4	3rd	68·8	27·3	6th	41·5
Year	56·5	66·9	17·6	49·3	...	76·2	42·5	...	33·7

128. BHAMO (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	59·8	60·7	69·6	73·4	23·5	49·9	15th	80·0	36·5	25th	43·5
February	63·7	64·2	76·4	78·9	28·0	50·9	23rd	86·0	41·4	4th	44·6
March	70·9	72·4*	81·0	84·7*	23·9	60·8*	31st	91·1	38·5	1st	52·6
April	78·6	81·1	89·6	92·8	25·2	67·6	18th, 20th & 22nd.	98·1	40·6	2nd & 15th	57·5
May	80·0	84·3	87·7	92·8	20·6	72·2	7th & 8th	99·1	38·8	24th	65·3
June	79·7	82·6	84·5	89·0	14·2	74·8	8th	96·1	23·9	1st & 4th	72·2
July	80·2	82·1	85·3	89·3	14·3	75·0	16th	96·1	23·0	4th, 14th, 17th, 20th & 25th	73·1
August	79·3	81·1	84·1	88·2	13·7	74·5	16th & 17th	94 6	21·9	9th, 11th, 18th & 20th	72·7
September	80·2	82·0	85·5	89·7	14·8	74·9	11th	95·7	24·0	30th	71·7
October	?	78·3	83·2	86·7	?	Shade minimum uncompared.	5th & 6th	93·1	?	...	?
November	?	71·5	76·6	80·0	?		8th	85·0	?	...	?
December	?	62·9	73·0	75·9	?		1st	80·0	?	...	?
Year	?	75·3	81·4	85·1	?		...	99·1	?	...	?

* Mean of 30 days.

129. KENDAT (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	?	63·3	69·6	72·7*	?	Imperfect.	14th & 16th	78·0	?	...	?
February	?	68·1	78 2	79·9‡	?	Not recorded.	25th	87·0	?	...	?
March	?	77·1†	82·8†	88·6†	?		5th, 22nd & 24th	93·8	?	...	?
April	?	87·2	88·3	96·8	?		21st & 22nd	101·8	?	...	?
May	?	86·2	86·9	94·7	?		7th to 9th	101·8	?	...	?
June	?	85·1	87·9	92·1§	?		23rd & 25th	95·8	?	...	?
July	?	83·3	85·2	94·1	?		16th to 18th, 20th to 25th, & 27th to 31st.	96·8	?	...	?
August	?	83·4	86·0	97·1	?		3rd, 4th, 7th to 10th, 13th, 15th, 17th, 19th, to 25th & 27th to 31st.	97·8	?	...	?
September	?	83·6	85·5	93·8	?		13th, 14th & 16th.	99·8	?	...	?
October	?	81·7	84·1	91·0†	?		1st & 3rd to 5th	93·8	?	...	?
November	?	74·5	78·6	84·1	?		1st & 15th	89·8	?	...	?
December	?	66·7	75·1	78·6	?		11th & 15th	80·8	?	...	?
Year	?	78·4	82·4	88·6	?		...	101·8	?	...	?

130. MANDALAY (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	68·1	68·9	79·4	81·5	24·7	56·8	21st	87·3	37·8	25th	49·5
February	72·5	74·8	86·5	88·9	30·5	58·4	21st	94·5	44·8	2nd	49·7
March	81·4	84·4	93·8	97·2	28·2	69·0†	16th	102·3	40·0	21st	62·3
April	88·4	91·1	99·1	101·9	24·3	77·6	26th	105·2	35·6	2nd	69·6
May	86·1	89·0	93·5	98·0	19·3	78·7	8th	107·4	36·3	10th	71·1
June	85·4	87·3	92·2	94·8	16·2	78·6	30th	99·0	23·8	3rd	75·2
July	82·8	85·6	87·7	92·9	15·1	77·8	16th	100·1	24·3	4th	75·8
August	81·4	84·3	86·2	91·1	14·6	76·5	13th	96·0	22·9	15th	73·1
September	82·5	84·6	88·2	91·6	14·8	76·8	26th	96·0	21·5	25th	74·5
October	81·8	86·4	88·9	93·3	18·6	74·7	7th	97·5	27·8	29th	69·7
November	77·1	80·3	86·0	89·8	21·6	68·2	13th	93·9	36·2	29th	57·7
December	70·5	73·0	82·1	85·1	26·3	58·8	16th	87·5	32·3	10th	55·2
Year	79·9	82·5	88·6	92·2	21·2	71·0	...	107·4	57·9	...	49·5

* Mean of 26 days. ‡ Mean of 27 days. † Mean of 30 days.
§ „ „ 29 „

131. AKYAB (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	69·1	70·6	76·4†	79·2	19·4	59·8	14th	84·3	32·7	25th	51·6
February	71·5	74·3	78·9	83·0	23·7	59·3	24th	88·3	37·5	3rd	50·8
March	79·0	80·7	84·0	87·9	17·7	70·2	20th	94·4	32·1	21st	62·3
April	84·2	87·2	87·8	91·7	15·8	75·9	30th	94·1	25·3	3rd	68·8
May	84·1	85·2	86·2	89·8	10·5	79·3	2nd	94·9	23·8	3rd & 4th	71·1
June	83·6	83·6	84·8	87·4	7·2	80·2	8th	90·2	14·4	5th	75·8
July	80·9	81·1	81·4	83·4	4·7	78·7	3rd	90·2	14·1	14th	76·1
August	80·7	80·2	82·6	84·3	6·8	77·5	12th	89·4	15·3	3rd	74·1
September	81·5	81·8†	83·2	86·0	7·7	78·3*	8th	91·6	17·6	24th	74·0
October	82·5	83·3	86·1	88·5	10·9	77·6	7th	91·3	17·2	28th	74·1
November	79·3	80·1	83·7	86·3	13·2	73·1	5th	89·0	21·9	30th	67·1
December	73·2	73·7	80·1	82·8	18·2	64·6	7th	85·4	25·5	31st	59·9
Year	79·1	80·2	82·9	85·9	13·0	72·9	...	94·9	44·1	...	50·8

* Mean of 29 days.
† „ „ 30 „

132. THAYETMYO (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	67·0	71·7	83·2	84·7	34·0	50.7	15th	90·3	47·2	25th	43·1
February	70·9	74·9	89·5	90·5	38·2	52·2	21st	97·1	52·2	2nd	44·9
March	80·7	86·2	96·3	97·9	32·9	65·0	31st	103·9	45·3	12th	58·6
April	86·9	91·5	98·7	101·8	26·8	75·0	29th	104·5	39·0	10th	65·5
May	83·6	88·9	90·6	97·2	20·6	76·6	6th & 8th	103·7	32·7	5th	71·0
June	82·2	86·1	88·0	93·1	16·8	76·3	21st	100·7	26·6	18th	74·1
July	79·9	83·7	83·9	89·1	13·3	75·8	1st	97·7	24·6	14th	73·1
August	80·3	84·1	85·3	89·6	14·4	75·2	7th	96·7	23·6	11th & 13th	73·1
September	79·6	83·4	84·3	88·7	13·8	74·9	4th	92·9	20·7	27th	72·2
October	80·2	83·3	87·8	90·0	17·5	72·5	12th & 22nd	92·0	30·4	31st	61·6
November	77·3	82·4	88·6	90·1	24·1	66·0	8th & 10th	92·9	36·1	29th	56·8
December	70·4	76·3	84·9	85·9	30·0	55·9	31st	88·8	46·7	25th	42·1
Year	78·3	82·7	88·4	91·6	23·5	68·0	...	104·5	62·4	...	42·1

133. TOUNGOO (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	68·5	69·7	81·6	83·3	28·0	55·3	22nd	88·6	39·5	25th	49·1
February	73·3	76·4	87·1	89·4*	29·9	59·5	21st & 23rd	94·7	45·1	2nd	49·6
March	81·9	85·8	93·8	95·3	25·3	70·0	18th	100·2	38·0	18th	62·2
April	86·1	90·1	95·3	98·5	21·7	76·8	8th	101·4	28·2	13th & 20th	73·2
May	82·9	86·2	88·9	92·0	15·2	76·8	1st	98·2	26·5	5th	71·7
June	79·6	82·1	83·9	87·3	12·6	75·3	27th	91·5	18·3	15th, 20th & 21st.	73·2
July	77·8	79·8	80·4	84·3	9·2	75·1	1st	92·4	19·7	13th	72·7
August	78·9	81·0	82·4	85·3	10·0	75·3	12th	90·1	17·9	9th	72·2
September	78·6	81·1	81·9	86·0	10·8	75·2	8th	93·3	19·9	16th	73·4
October	80·0	82·2	86·2	88·5	14·7	73·8	22nd	91·2	22·1	31st	69·1
November	78·2	80·2	86·3	88·0†	18·0	70·0	15th	91·2	27·0	19th, 20th, 29th & 30th	64·2
December	71·7	74·6	81·8	84·0	22·5	61·5	31st	87·8	32·7	21st & 22nd	55·1
Year	78·1	80·8	85·8	88·5	18·1	70·4	...	101·4	52·3	...	49·1

* Mean of 27 days.
† „ „ 29 „

134. BASSEIN (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	71·5	75·3	82·7	84·5	24·3	60·2	20th	91·5	38·7	26th	52·8
February	73·9	78·8	84·9	88·3	25·5	62·8	22nd	93·5	37·5	5th	56·0
March	79·4	84·1	88·9	93·0	23·2	69·8	18th	99·2	34·3	1st	64·9
April	82·5	87·6	89·7	95·1	19·9	75·2	24th	97·6	27·6	4th	70·0
May	79·8	84·3	83·3	88·3	12·1	76·2	1st	95·5	23·7	5th	71·8
June	78·4	82·2	80·9	85·0	9·1	75·9	28th	88·5	14·6	18th	73·9
July	78·1	80·6	80·6	83·7	8·2	75·5	1st	89·7	16·8	15th	72·9
August	77·7	80·4	80·3	83·9	8·9	75·0	12th	88·6	16·7	21st	71·9
September	78·1	80·9	81·0	84·3	9·1	75·2	9th	88·6	14·9	15th	73·7
October	78·6	83·5	82·9	87·2	12·9	74·3	20th & 21st	89·6	18·6	27th	71·0
November	78·4	83·4	85·5	87·9	16·6	71·3	8th	90·6	25·4	19th	65·2
December	74·5	79·5	84·3	86·6	22·0	64·6	7th & 17th	88·7	28·0	12th	60·7
Year	77·6	81·7	83·8	87·3	16·0	71·3	...	99·2	46·4	...	52·8

135. DIAMOND ISLAND (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	74·8	78·1	79·9	83·5	13·9	69·6	21st	87·9	23·3	25th	64·6
February	74·3	78·1	79·0	82·2	12·7	69·5	22nd	84·6	19·6	5th	65·0
March	77·7	81·7	82·0*	85·4*	12·1	73·3	17th	87·9	17·1	1st	70·8
April	81·3	85·6	85·4	88·5	11·4	77·1	23rd	90·3	15·8	4th	74·5
May	80·3	84·1	83·7	86·8	10·0	76·8	9th	90·5	17·6	4th	72·9
June	78·2	82·0	82·0	84·9	10·5	74·4	29th & 30th	87·4	16·9	5th	70·5
July	77·1	81·1	80·4	83·7	10·0	73·7	1st	86·9	16·7	18th	70·2
August	77·2	80·3	80·6	83·4	9·6	73·8	11th	86·9	15·9	2nd and 8th	71·0
September	77·6	81·3	81·0	84·3	10·2	74·1	9th	87·5	16·4	14th	71·1
October	79·0	82·9	82·9	86·0	10·9	75·1	20th	88·5	16·0	6th	72·5
November	78·7	82·2	83·0	85·6	11·2	74·4	4th & 8th	88·9	17·8	19th	71·1
December	76·7	78·7*	81·9*	84·4*	12·9	71·5*	31st	87·1	17·0	14th, 21st & 29th.	70·1
Year	77·7	81·3	81·8	84·9	11·3	73·6	...	90·5	25·9	...	64·6

* Mean of 30 days.

136. RANGOON (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	74·1	76·0	86·2	88·1	26·2	61·9	20th	93·8	38·5	25th	55·3
February	76·2	76·9	88·6	88·8†	25·0	63·8	22nd	94·9	37·6	1st	57·3
March	80·8	82·1	90·2	91·0	19·6	71·4	17th	99·4	32·4	1st	67·0
April	83·7	87·4	90·8	96·9	20·4	76·5	17th	100·2	28·3	25th	71·9
May	79·0	82·7	82·4	88·4	12·8	75·6	6th	95·8	24·0	8th	71·8
June	77·4	79·9	79·4	82·6	7·3	75·3	1st	88·3	15·9	15th	72·4
July	77·4	79·9	79·4	82·6	7·3	75·3	1st	88·3	15·9	15th	72·4
August	77·8	79·9	80·1	84·5	9·1	75·4	12th	89·6	16·3	10th	73·3
September	77·9	80·7	79·2	85·0	8·5	76·5	4th	88·3	13·8	15th	74·5
October	79·7	83·3	82·5	87·2	10·4	76·8	20th	89·7	15·8	31st	73·9
November	80·1	83·3	85·9	89·2	15·0	74·2	9th	91·8	22·0	30th	69·8
December	77·3	80·1	85·8	89·1	20·3	68·8	17th & 19th	90·8	26·2	29th	64·6
Year	78·5	81·1	84·3	88·0	15·4	72·7	...	100·2	44·9	...	55·3

† Mean of 27 days.

137. MOULMEIN (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	74·8	77·8	86·5	89·1	26·1	63·0	21st	92·9	35·1	26th	57·8
February	76·8	80·0	88·2	91·1	25·7	65·4	20th	97·0	37·0	1st	60·0
March	79·8	84·1	88·1	91·7	20·3	71·4	17th & 18th	94·9	28·4	1st	66·5
April	82·1*	86·1*	89·3*	92·5*	17·7	74·8*	30th	95·9	23·4	14th & 15th	72·5
May	79·1	83·4	83·6	87·2	12·6	74·6	9th	95·0	23·5	4th & 5th	71·5
June	77·8	80·0	81·7	84·4	10·6	73·8	28th	87·9	15·9	11th	72·0
July	76·7	78·9	79·6	82·0	8·3	73·7	2nd	90·1	19·6	21st	70·6
August	77·4	80·3	80·9	83·7	9·9	73·8	11th & 12th	87·8	15·4	5th	72·4
September	77·0	79·4	80·1	82·8	9·0	73·8	3rd	88·7	17·7	16th	71·0
October	79·4	83·4	85·8	88·0	15·0	73·0	20th	89·8	20·7	24th	69·1
November	78·7	84·1	87·2	89·5	19·3	70·2	12th	92·5	27·7	28th	64·8
December	76·5	81·6	86·8	89·2	23·0	66·2	6th & 16th	91·1	31·8	29th	59·3
Year	78·0	81·6	84·8	87·6	16·5	71·1	...	97·0	39·2	...	57·8

* Mean of 28 days.

138. MERGUI (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	75·8	81·2	85·0	87·9	21·3	66·6	20th	93·6	35·2	1st	58·4
February	76·7	81·5	85·9	89·1	21·6	67·5	21st	95·0	33·7	9th	61·3
March	78·4	82·7	85·9	89·4	18·6	70·8	18th	95·1	28·7	1st	66·4
April	79·4	83·8	86·2	89·4	16·9	72·5	26th	93·1	22·9	4th	70·2
May	77·2	81·1	81·0	85·7	12·4	73·3	7th	89·6	17·2	13th, 20th, 21st & 23rd.	72·4
June	76·7	80·3	80·1	84·7	11·4	73·3	13th & 15th	88·1	16·0	9th	72·1
July	76·3	79·3	79·2	83·0	9·6	73·4	22nd	88·1	16·7	10th	71·4
August	77·1	79·8	80·9	85·0	11·8	73·2	22nd	89·1	18·7	18th	70·4
September	76·4	79·4	79·8	84·3	11·3	73·0	3rd	87·4	15·9	6th	71·5
October	77·8	81·5	83·1	87·0	14·5	72·5	23rd	92·0	22·6	28th & 31st	69·4
November	75·6	81·5	83·0	86·4	18·3	68·1	4th	91·3	32·4	18th	58·9
December	74·1	82·3	83·9	87·3	23·1	64·2	24th	90·6	32·7	28th	57·9
Year	76·8	81·2	82·8	86·6	15·9	70·7	...	95·1	37·2	...	57·9

TABLE V.—MEAN AND EXTREME AIR-TEMPERATURES IN THE SHADE IN 1887.

139. COCOS ISLAND (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day	Lowest Minimum. °
January	Imperfect.										
February	Untrustworthy.										
March	Imperfect.										
April	?	87·3	86·8*	Untrustworthy.	?	Not recorded.	...	?	?	...	?
May	?	84·7	84·3		?		...	?	?	...	?
June	?	82·3	83·1*		?		...	?	?	...	?
July	78·7	81·6	80·8		?	76·5†	...	?	?	15th	71·4
August	78·8	81·0	81·6		?	76·0	...	?	?	3rd	71·6
September	78·6	81·6	80·7		?	76·4	...	?	?	20th	73·8
October	79·4	84·0	82·1		?	76·7	...	?	?	7th	74·3
November	78·8	83·7	81·1		?	76·5*	...	?	?	22nd	72·5
December	78·3	82·3	80·5		?	76·0	...	?	?	7th	71·1
Year	?	?	?		?	?	...	?	?	...	?

* Mean of 29 days.
† " " 30 "

140. PORT BLAIR (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	79·5	81·8	84·5	86·5	12·1	74·4	20th	88·8	20·8	31st	68·0
February	78·7	81·8	84·9	87·0	14·5	72·5	24th	89·5	20·5	2nd, 8th & 10th.	69·0
March	81·0	84·4	86·7	89·8	14·5	75·3	22nd	92·6	22·5	1st	70·1
April	83·0	86·5	88·5	91·9	14·4	77·5	22nd & 24th	93·6	18·7	19th	74·9
May	80·5	84·1	83·5	89·0	11·6	77·4	5th to 7th	93·1	21·7	23rd	71·4
June	78·8	81·5	81·7	85·7	9·8	75·9	2nd	92·1	19·2	18th	72·9
July	78·7	82·0	81·0	84·2	7·9	76·3	28th & 29th	87·0	14·1	14th & 16th	72·9
August	78·4	81·4	81·2	84·5	8·9	75·6	31st	87·5	14·6	13th & 29th	72·9
September	79·4	83·1	82·6	85·8	9·7	76·1	29th	88·0	14·1	5th & 28th	73·9
October	79·1	83·2	82·9	86·6	11·3	75·3	16th, 19th, 22nd & 23rd.	89·0	16·6	4th	72·4
November	79·8	83·7	83·8	87·0	11·2	75·8	10th & 12th	89·2	15·8	20th	73·4
December	79·8	83·3	83·5	86·2	10·2	76·0	16th	88·5	15·1	19th	73·4
Year	79·7	83·1	83·7	87·0	11·3	75·7	...	93·6	25·6	...	68·0

141. NANCOWRY (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	79·7	83·4	82·5	85·1	8·2	76·9	17th	86·4	12·4	1st	74·0
February	78·2	81·6	81·7	83·0	8·4	74·6	19th & 20th	84·4	14·2	27th	70·2
March	78·6	83·0	82·3	84·3	9·4	74·9	31st	88·6	18·4	1st, 4th & 5th	70·2
April	80·9	86·0	84·5	88·4	11·2	77·2	23rd	90·4	15·8	22nd	74·6
May	79·4	83·1	82·8	86·3	10·3	76·0	4th	89·2	17·6	20th	71·6
June	78·2	82·4	81·5	85·9	11·0	74·9	21st	89·6	17·2	25th	72·4
July	79·2	83·0	82·8	86·4	10·8	75·6	6th	88·6	17·4	16th	71·2
August	78·9	82·7	83·0	86·0	11·2	74·8	22nd	88·4	17·4	3rd	71·0
September	79·2	83·5	82·6	86·4	10·7	75·7	20h	89·4	16·8	5th	72·6
October	78·9	83·6	82·3	85·8	10·3	75·5	18th	89·7	17·3	7th	72·4
November	78·1	83·3	81·1	84·9	9·8	75·1	11th & 16th	87·2	14·4	23rd	72·8
December	78·5	82·4	81·2	84·5	8·8	75·7	31st	90·2	17·0	8th & 23rd	73·2
Year	79·0	83·2	82·4	85·6	10·0	75·6	...	90·4	20·2	...	70·2

TABLE VI.—SEA-LEVEL EQUIVALENTS OF MONTHLY MEAN AIR-TEMPERATURES IN 1887. (113 STATIONS).

Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Aden	75·5	75·9	77·9	81·1	84·5	87·2	84·8	82·4	85·0	79·6	77·5	76·0	80·6
Bushire	55·8	56·9	62·1	71·9	79·8	86·2	88·8	88·6	86·5	79·0	70·9	60·9	74·0
Amini Divi	80·4	80·4	82·5	83·6	84·3	79·9	80·5	80·9	80·6	80·9	80·4	79·9	81·2
Mooltan	54·3	60·6	72·4	84·7	91·8	89·7	93·7	91·3	88·2	79·2	66·6	59·2	77·6
Dera Ismail Khan	53·4	59·2	71·4	82·2	93·3	92·2	94·3	92·0	87·3	78·7	63·9	56·3	77·0
Peshawar	49·9	56·4	66·7	77·4	90·0	91·7	94·1	89·1	81·6	74·4	61·8	54·5	74·0
Rawalpindi	50·8	55·6	67·1	79·5	90·9	91·1	90·9	86·0	81·8	74·4	60·9	54·0	73·6
Sialkot	53·3	58·3	70·8	83·6	94·6	93·6	90·0	84·5	83·4	78·0	64·0	56·5	75·9
Lahore	53·4	60·5	72·5	84·9	94·7	93·2	91·8	85·8	84·3	78·4	65·0	58·0	76·9
Ludhiana	54·8	60·4	73·3	83·8	93·9	92·6	88·2	83·9	82·3	76·2	64·4	58·5	76·0
Delhi	58·6	65·4	76·6	87·6	95·9	92·0	85·1	82·8	83·2	79·1	69·3	63·4	78·3
Sirsa	56·4	62·4	74·9	86·1	95·9	94·6	89·4	85·6	85·0	78·9	66·4	60·1	78·0
Dehra	56·8	62·2	71·5	81·9	91·4	86·6	83·0	81·0	80·3	73·9	65·9	60·1	74·6
Roorkee	56·7	61·6	73·7	84·6	94·6	92·2	85·2	83·3	81·8	76·0	66·1	60·0	76·3
Meerut	57·6	63·8	76·5	84·5	93·9	92·4	85·8	83·1	82·6	76·7	65·9	60·5	76·9
Bareilly	58·5	63·6	74·9	85·0	93·9	89·9	85·2	82·6	82·1	75·4	?	60·9	?
Agra	62·3	68·0	80·4	91·3	100·3	97·2	86·5	83·6	84·5	80·8	71·5	65·7	81·0
Lucknow	61·5	66·4	77·9	87·4	94·7	91·3	85·1	82·4	84·0	77·4	68·3	62·4	78·2
Gorakhpur	58·8	63·9	76·6	83·7	89·4	86·2	85·4	83·3	84·2	78·5	69·4	62·6	76·8
Jhansi	64·3	70·2	81·7	91·8	99·9	96·3	83·6	81·3	82·6	81·1	72·9	68·0	81·1
Allahabad	60·0	64·9	77·7	86·8	94·0	93·1	84·4	82·7	83·4	77·8	68·5	62·4	78·0
Benares	61·1	65·9	77·7	86·1	92·1	90·4	84·3	83·1	83·3	77·8	68·9	62·1	77·7
Ghazipur	60·2	64·9	76·6	84·2	89·7	87·1	84·2	83·2	82·6	77·5	68·9	62·1	76·8
Sibsagar	59·1	63·3	69·7	75·8	82·5	83·3	86·1	83·6	84·1	78·3	69·4	61·6	74·7
Dhubri	61·2	65·7	74·1	77·8	79·5	78·5	83·0	81·2	81·0	78·1	72·4	64·4	74·7
Tezpur	60·9	65·4	71·6	76·5	81·4	81·0	83·6	82·2	82·6	77·8	68·8	61·7	74·4
Silchar	61·9	66·7	73·3	78·7	82·7	81·4	84·3	82·5	83·3	80·1	74·6	66·2	76·3
Purneah	59·8	63·9	76·0	82·7	86·7	82·7	85·1	82·8	83·1	78·6	71·4	62·5	76·3
Durbhunga	60·7	64·5	75·7	82·1	85·4	83·2	85·2	82·9	83·4	79·3	72·2	64·3	76·6
Patna	61·0	65·2	77·2	85·4	88·6	85·3	85·0	84·1	84·2	79·6	71·9	63·8	77·6
Gya	64·1	69·6	81·4	89·1	93·6	88·9	86·3	84·9	85·6	81·2	72·7	65·0	80·2
Hazaribagh	63·3	68·5	80·1	87·6	90·0	85·6	82·3	81·9	81·5	78·4	71·9	65·3	78·0
Berhampore	62·5	66·6	76·8	82·3	83·1	82·5	82·3	82·0	82·2	78·8	72·6	65·1	76·4
Burdwan	64·5	68·1	78·8	82·9	84·1	83·3	82·3	82·4	82·5	78·8	72·8	66·0	77·2
Jessore	63·5	67·8	78·4	83·0	82·9	83·3	82·5	82·3	82·8	79·3	73·3	65·6	77·1
Dacca	64·5	69·5	78·1	82·9	83·9	83·1	83·2	83·5	84·0	81·1	75·1	67·6	78·0
Chittagong	65·9	69·1	76·7	82·3	83·4	81·9	81·0	81·0	81·5	79·8	75·1	68·1	77·2

TABLE VI.—SEA-LEVEL EQUIVALENTS OF MONTHLY MEAN AIR-TEMPERATURES IN 1887.

Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November	December.	Year.
Calcutta (*Alipore*)	64·3	68·1	79·6	83·4	85·0	84·3	82·5	82·9	82·4	78·6	72·2	64·7	77·3
Ditto (*Chowringhee*)	65·4	69·7	80·0	83·6	84·1	83·8	82·0	82·3	82·2	79·1	73·3	65·9	77·6
Saugor Island	67·4	70·7	80·4	83·5	85·5	85·3	82·9	83·1	83·0	79·5	73·6	66·8	78·5
Cuttack	72·1	75·0	83·5	87·7	90·3	86·2	83·5	83·6	84·1	81·7	77·2	70·8	81·3
False Point	68·5	70·5	78·8	81·2	83·6	83·5	81·3	81·6	81·6	78·9	72·0	65·3	77·2
Sambalpur	69·1	70·8	84·0	89·2	95·3	89·1	81·5	81·7	82·3	79·1	73·7	67·1	80·2
Raipur	70·3	72·6	84·7	90·2	97·1	87·2	79·9	80·7	81·4	78·6	73·4	67·3	80·3
Nagpur	71·9	74·9	85·4	91·0	96·9	86·0	79·7	80·2	80·5	78·5	73·6	68·5	80·6
Seoni	68·7	71·0	82·0	88·2	94·4	85·9	79·3	79·2	80·3	76·9	71·4	66·2	78·6
Jubbulpore	66·2	66·1	78·1	87·2	94·9	88·4	79·6	79·8	80·3	76·0	68·2	63·2	77·3
Saugor	67·2	70·1	80·7	90·0	96·3	89·2	80·3	79·4	81·0	77·6	70·7	68·0	79·2
Hoshangabad	68·0	69·5	80·9	90·1	95·2	87·8	79·5	79·7	80·8	78·0	70·8	66·2	78·9
Khandwa	69·6	71·3	82·3	90·6	91·9	85·6	79·5	79·8	81·0	77·6	69·9	66·5	78·8
Chanda	71·6	72·8	84·1	91·1	97·1	86·4	79·2	80·1	80·5	77·9	72·8	66·4	80·0
Sironcha	?	?	?	92·6	98·1	86·8	80·3	80·3	81·6	80·7	75·8	68·5	?
Buldana	73·9	77·4	85·8	91·5	89·9	83·2	77·8	77·7	78·3	78·6	73·9	70·3	79·9
Akola	71·5	72·7	84·4	91·1	94·1	86·6	79·5	80·0	80·2	77·8	72·6	66·8	79·8
Amraoti	72·4	75·7	85·2	92·2	92·9	85·4	78·8	78·5	79·9	79·1	74·9	70·0	80·4
Neemuch	66·6	?	79·0	?	93·9	87·7	80·8	?	81·0	79·3	71·7	67·0	?
Nowgong	61·8	65·0	77·0	87·1	96·4	93·6	82·4	81·6	82·4	76·6	67·1	62·7	77·8
Sutna	62·9	65·9	76·8	86·8	94·4	91·2	82·0	81·1	82·5	76·8	68·1	63·3	77·7
Indore	68·3	70·1	79·5	87·5	91·9	85·7	78·7	78·2	78·9	77·2	69·8	67·0	77·7
Bickaneer	59·7	67·8	79·5	90·0	98·8	95·1	90·7	88·5	89·7	83·0	73·5	66·0	81·9
Jeypore	62·7	68·7	79·6	89·9	97·6	94·1	84·5	82·0	84·3	81·7	72·5	67·1	80·4
Sambhar	59·2	65·1	76·8	88·3	96·4	92·9	83·8	81·9	83·8	78·4	67·7	62·3	78·1
Ajmere	61·3	67·7	79·3	89·5	96·4	91·9	83·2	81·6	83·3	78·5	69·1	64·1	78·8
Pachpadra	61·0	66·5	77·4	87·7	94·2	93·2	87·1	85·5	87·7	82·6	72·6	66·5	80·2
Jacobabad	55·6	63·7	75·2	86·4	96·5	97·9	97·1	92·2	88·6	79·9	66·9	59·5	80·6
Hyderabad	60·8	68·4	78·3	85·6	91·0	91·9	87·5	84·9	84·6	82·9	74·1	66·9	79·7
Kurrachee	63·4	69·1	76·1	80·5	84·4	86·9	83·4	80·9	80·2	78·7	74·4	68·3	77·2
Bhuj	66·0	70·9	78·5	85·2	86·7	86·3	81·3	80·6	81·9	82·9	77·2	70·5	79·0
Rajkot	66·0	68·0	78·2	85·5	88·7	86·0	79·7	78·6	81·1	81·7	75·6	70·5	78·3
Deesa	67·7	73·0	81·2	90·7	92·7	90·3	82·3	80·6	82·0	82·3	76·5	71·4	80·9
Surat	68·0	71·0	77·9	84·2	83·8	81·9	79·0	79·1	80·5	81·5	75·4	?	?
Malegaon	70·5	73·9	82·5	89·6	89·8	84·1	78·9	78·7	79·9	79·4	72·4	68·7	79·0
Bombay	72·6	73·8	77·9	81·3	84·3	81·1	79·6	79·3	79·0	81·1	79·4	76·3	78·8
Poona	76·5	80·5	86·0	90·5	86·0	80·6	77·7	78·2	78·6	82·0	79·5	74·6	80·9
Sholapur	75·2	78·3	86·2	92·0	88·9	83·2	79·9	79·3	80·5	80·0	77·9	72·8	81·2
Ratnagiri	73·4	74·2	77·9	81·2	83·6	78·3	78·0	77·9	76·8	79·1	78·0	76·1	77·9

Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November	December.	Year.
Belgaum	77·8	82·3	84·2	85·2	83·1	77·0	75·4	75·3	76·1	78·3	78·2	75·5	79·0
Karwar	73·5	74·2	78·3	80·9	82·5	77·2	77·0	76·1	76·0	76·9	77·5	75·9	77·2
Gopalpur	71·9	73 5	79·1	81·6	84·5	83·7	81·8	82·7	83·5	79·9	74·9	68·0	78·9
Vizagapatam	76·3	78·6	83·2	85·6	89·2	86·7	84·2	85·4	85·8	83·3	79·0	75·5	82·7
Rajahmundry	76·2	79·5	84·7	87·5	94·0	87·5	81·9	82·2	84·5	81·8	78·2	74·8	82·7
Masulipatam	74·4	75·8	80·1	83·1	92·1	86·0	83·1	82·2	83·7	80·8	77·4	73·5	81·0
Secunderabad	75·0	79·4	87·4	90·3	93·3	84·3	80·0	80·1	81·4	80·7	76·4	72·4	81·7
Kurnool	76·9	81·7	88·9	92·3	92·3	85·3	82·2	81·8	82·2	82·5	79·8	75·8	83·4
Bellary	77·4	81·1	88 0	90·7	90·4	84·2	82·2	82·5	82·3	80·2	77·9	74·4	82·6
Mangalore	76·4	77·7	80·9	82·4	82·2	76·5	76·5	76·8	76·2	77·4	78·7	78·2	78·3
Bangalore	74·7	77·1	83·6	86·4	84·7	79·2	77·7	78·9	78·3	77·1	75·6	72·8	78·8
Cuddapah	78·2	81·8	89·9	92·5	94·0	87·4	85·1	83·6	83·0	81·7	77·5	75·1	84·2
Madras	74·9	75·8	79·9	83·7	88·4	85·8	85·1	82·2	81·8	79·5	77·6	75·3	80·8
Salem	78·4	80·2	84·9	85·6	86·3	81·7	81·8	81·8	81·4	79·2	77·5	75·9	81·3
Calicut	Untrustworthy.			83·0	82·1	76·9	76·4	77·8	76·7	78·4	79·0	77·7	?
Coimbatore	78·1	79·2	83·6	85·6	83·0	78·5	79·1	80·8	79·5	78·6	78·5	75·4	80·0
Trichinopoly	78·0	79·4	84·2	86·8	88·7	85·0	85·8	84·5	84·4	80·1	78·1	75·4	82·5
Negapatam	76·8	78·2	80·9	83·6	86·0	83·3	83·8	82·9	83·3	79·6	78·5	76·0	81·1
Madura	79·3	80·7	83·9	86·4	88·0	83·5	85·7	84·6	84·5	80·7	79·3	76·7	82·8
Cochin	79·3	79·8	82·2	82·4	81·6	76·1	77·3	78·2	77·5	78·4	79·5	78·6	79·2
Colombo	79·8	80·0	81·1	81·1	81·9	79·5	80·2	80·1	80·5	78·8	80·2	78·3	80·1
Jaffna	77·7	78·9	82·6	84·7	83·7	81·8	82·2	81·9	82·5	79·6	78·9	76·4	80·9
Trincomalee	77·8	78·7	80·5	82·6	85·4	84·4	83·6	82·9	82·6	79·9	79·0	76·7	81·2
Batticaloa	75·9	76·5	78·6	81·0	83·5	82·7	82·8	81·1	82·3	79·5	78·6	76·1	79·9
Hambantota	78·1	79·2	80·0	81·4	80·0	79·6	79·7	79·6	80·7	78·9	79·2	77·5	79·5
Galle	77·8	78·2	80·0	80·8	81·3	79·1	79·8	79·8	80·2	78·0	79·0	77·6	79·3
Kandy	76·3	77·1	79·8	80·1	81·0	78·7	78·8	78·9	78·7	77·2	78·0	76·5	78·4
Akyab	69·1	71·5	79·0	84·2	84·1	83·6	80·9	80·7	81·5	82·5	79·3	73·2	79·1
Thayetmyo	67·3	71·2	81·0	87·2	83·9	82·5	80·2	80·6	79·9	80·5	77·6	70·7	78·6
Toungoo	68·9	73·7	82·3	86·5	83·3	80·0	78·2	79·3	79·0	80·4	78·6	72·1	78·5
Bassein	71·6	74·0	79·5	82·6	79·9	78·5	78·2	77·8	78·2	78·7	78·5	74·6	77·7
Diamond Island	74·9	74·4	77·8	81·4	80·4	78·3	77·2	77·3	77·7	79·1	78·8	76·8	77·8
Rangoon	74·2	76·3	80·9	83·8	79·1	78·2	77·5	77·9	78·0	79·8	80·2	77·4	78·6
Moulmein	75·0	77·0	80·0	82·3	79·3	78·0	76·9	77·6	77·2	79·6	78·9	76·7	78·2
Mergui	76·0	76·9	78·6	79·6	77·4	76·9	76·5	77·3	76·6	78·0	75·8	74·3	77·0
Cocos Island	?	?	?	?	?	?	78·9	79·0	78·8	79·6	79·0	78·5	?
Port Blair	79·6	78·8	81·1	83·1	80·6	78·9	78·8	78·5	79·5	79·2	79·9	79·9	79·8
Nancowry	79·9	78·4	78·8	81·1	79·6	78·4	79·4	79·1	79·4	79·1	78·3	78·7	79·2

TABLE VII.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1887. (132 STATIONS).

1. BAGHDAD.

2. ADEN.

Month.	Mean.	10 hours.	16 hours.	Range	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.	Mean.	10 hours.	16 hours.	Range.	Highest reading	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+			29+	29+	29+		29+		29+		
January										·887	·946*	·828*	·118	1·058	29th	·724	16th	·334
February										·945	1·001	·888	·113	1·059	3rd	·741	28th	·318
March										·855	·912	·798	·114	·977	3rd	·698	31st	·279
April										·808	·865	·750	·115	·941	26th	·679	22nd	·262
May					*Observatory opened in October 1887.*					·717	·773	·660	·113	·854	6th	·564	31st	·290
June										·585	·644	·526	·118	·734	25th	·418	7th	·316
July										·563	·628*	·498	·130	·710	18th	·357	6th	·353
August										·586	·650	·521	·129	·710	8th & 17th	·411	19th	·299
September										·711	·767	·654	·113	·907	30th	·572	1st & 5th	·335
October	·522	·552	·492*	·060	·669	9th	·296	5th	·373	·848	·900	·795*	·105	·968	17th	·713	6th	·255
November	·652	·682†	·621†	·061	·798	30th	·495	14th	·303	·915	·965	·863	·103	1·020	27th	·807	1st	·213
December	·687	·711	·662	·049	·850	24th	·408	12th	·442	·939	·990*	·887*	·103	1·082	31st	·827	15th	·255
Year	...	...	...	...	...	...	...	...	...	·780	·837	·722	·115	1·082	...	·357	...	·725

* Mean of 30 days.
† ,, ,, 29 ,,

3. BUSHIRE.

4. AMINI DIVI.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+			29+	29+	29+		29+		29+		
January	1·037	1·073	1·000	·073	1·251	27th	·783	7th	·468	·911	·972	·851	·121	1·026	12th	·810	18th	·216
February	1·110	1·151	1·069	·082	1·268	11th	·684	25th	·584	·960	1·021	·899	·122	1·137	15th	·794	1st & 27th	·343
March	·997	1·030	·964	·066	1·202	3rd	·785	5th	·517	·904	·962	·846	·116	1·028	3rd	·783	22nd	·245
April	·875	·908	·841	·067	·998	2nd	·668	30th	·330	·862	·917	·807	·110	·988	6th	·689	29th	·299
May	·735	·766	·703	·063	·951	5th	·552	22nd	·399	·864	·911	·816	·095	·990	5th	·759	1st	·231
June	·518	·539	·497	·042	·670	1st	·374	30th	·296	·818	·855	·781	·074	·904	15th	·670	7th	·234
July	·436	·460	·412	·048	·536	19th	·340	6th	·196	·865	·903	·826	·077	·969	9th	·750	1st	·219
August	·500	·526	·474	·052	·679	31st	·381	3rd	·298	·850	·891	·809	·082	·965	8th	·742	18th	·223
September	·705	·734	·676*	·058	·903	28th & 29th.	·496	4th	·407	·901	·946	·855	·091	1·021	29th	·786	11th & 12th.	·235
October	·907	·938	·875	·063	1·046	21st & 23rd.	·731	6th	·315	·883	·936	·830	·106	1·040	16th	·724	10th	·316
November	1·051	1·086	1·015	·071	1·211	20th	·932	1st	·279	·906	·961	·850	·111	1·026	13th	·785	1st	·241
December	1·106	1·141	1·071	·070	1·283	24th	·887	3rd	·396	·897	·953	·841	·112	1·007	31st	·788	26th	·219
Year	·831	·863	·808	·063	1·283	...	·340	...	·943	885	·936	·834	·101	1·137	...	·670	...	·467

* Mean of 29 days.

5. QUETTA.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading	Date.	Lowest readi g	Date.	Abso-lute Range
	24+	24+	24+		24+		24+		
January	·563	·598	·528	·070	·712	6th	·370	24th	·342
February	·652	·694	·610	·084	·934	16th	·437	1st	·497
March	·583	·622	·544	·078	·738	23rd	·392	1st	·346
April	·578	·619	·536	·083	·738	25th	·438	28th	·300
May	·539	·573	·505	·068	·681	1st	·407	22nd	·274
June	·421	·455	·387	·068	·526	24th	·306	15th	·220
July	·376	·416	·335	·081	·481	4th, 15th & 18th.	·246	11th	·235
August	·429	·469	·388	·081	·581	31st	·299	4th & 6th	·282
September	·565	·603	·526	·077	·710	7th	·405	10th	·305
October	·684	·722	·646	·076	·807	21st	·571	12th	·236
November	·755	·803	·726	·077	·882	20th	·642	17th	·240
December	·720	·758	·681	·077	·850	5th	·564	20th	·286
Year	·573	·611	·534	·077	·934	...	·246	...	·688

6. LEH.

MONTH.	Mean	6 hours.	10 hours.	16 hours.	22 hours.	Range.	Highest reading	Date and hour.	Lowest reading	Date and hour.	Abso-lute range.
	19+	19+	19+	19+	19+		19+		19+		
January	·482	·491	·506	·455	·475	·051	·696	1st 6h.	·223	20th, 16h.	·473
February	·599	·599	·628	·569	·600	·059	·897	18th, 10h.	·297	6th, 6h.	·600
March	·616	·627	·655	·570	·614	·085	·916	7th, ,,	·334	29th, ,,	·582
April	·724	·746	·754	·676	·722	·078	·863	10th, ,,	·544	29th, 16h.	·319
May	·704	·724	·723	·661	·707	·062	·817	6th, 16h.	·582	14th, 10h.	·235
June	·611	·632	·638	·564	·609	·074	·759	28th, 10h.	·409	16th, 16h.	·350
July	·590	·619	·627	·536	·578	·091	·743	17th, ,,	·415	10th, ,,	·328
August	·621	·638	·652	·584	·608	·068	·745	17th, ,,	·503	21st, ,,	·242
September	·673	·694	·716	·625	·656	·091	·865	27th, ,,	·486	3rd. ,,	·379
October	·742	·758	·785	·697	·728	·088	·873	26th, ,,	·592	14th, ,,	·281
November	·769	·782	·809	·723	·760	·086	·934	26th, ,,	·621	11th, ,,	·313
December	·701	·708	·745	·661	·689	·084	·946	4th, ,,	·500	12th, 6h.	·446
Year	·653	·668	·687	·610	·646	·076	·946	...	·223	...	·723

7. MOOLTAN.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date	Abso-lute range.
	29+	29+	28+		29+		28+		
January	·563	·619	1·506	·113	·812	15th	1·324	20th	·488
February	·593	·649	1·536	·113	·919	15th	1·189	28th	·730
March	·396	·452	1·339	·113	·623	17th	·111	28th	·512
April	·348	·400	1·296	·104	·567	1st	1·116	28th	·451
May	·133	·182	1·084	·098	·330	1st	·953	13th	·377
June	·064	·105	1·023	·082	·222	22nd	·913	20th	·309
July	·031	·073	·989	·084	·177	4th	·785	10th	·392
August	·121	·158	1·083	·075	·260	29th	·942	1st	·318
September	·249	·290	1·208	·082	·421	6th	1·033	1st	·388
October	·445	·495	1·394	·101	·694	21st	1·269	12th	·425
November	·616	·670	1·562	·108	·769	19th	1·421	1st	·348
December	·670	·724	1·615	·109	·827	31st	1·521	21st	·306
Year	·352	·401	1·303	·098	·919	...	·785	...	1·134

8. DERA ISMAIL KHAN.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Abso-lute range.
	28+	28+	28+		29+		28+		
January	1·412	1·452	1·371	·081	·628	11th	1·172	20th	·456
February	1·444	1·483	1·404	·079	·752	15th	1·093	28th	·659
March	1·250	1·302	1·198	·104	·490	17th	·947	27th	·543
April	1·206	1·259	1·153	·106	·385	6th	·974	29th	·411
May	·973	1·027	·918	·109	·189	1st	·767	22nd	·422
June	·885	·933	·836	·097	·122	15th	·645	19th	·477
July	·867	·913	·821	·092	·087	17th	·596	10th	·491
August	·950	·999	·901	·098	·145	29th	·749	1st	·396
September	1·092	1·138	1·045	·093	·280	6th	·912	1st	·368
October	1·300	1·348	1·252	·096	·501	21st	1·101	3rd	·400
November	1·454	1·498	1·410	·088	·619	19th	1·298	1st	·321
December	1·514	1·555	1·473	·082	·718	31st	1·378	6th & 11th	·340
Year	1·196	1·242	1·149	·093	·752	...	·596	...	1·156

TABLE VII.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1887.

9. PESHAWAR.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January	·885	·931	·838	·093	1·103	15th	·639	20th	·464
February	·928	·977	·878	·099	1·236	15th	·561	28th	·675
March	·756	·807	·704	·103	·973	17th	·388	29th	·585
April	·715	·770	·660	·110	·896	6th	·486	28th	·410
May	·495	·548	·441	·107	·701	5th	·316	13th	·385
June	·400	·454	·345	·109	·567	24th	·236	30th	·331
July	·356	·415	·296	·119	·588	17th	·074	10th	·514
August	·450	·502	·397	·105	·622	12th	·243	1st	·379
September	·595	·645	·544	·101	·763	7th	·398	2nd	·365
October	·798	·851	·745	·106	1·011	21st	·618	11th	·393
November	·931	·986	·875	·111	1·113	19th	·768	14th	·345
December	·993	1·044	·942	·102	1·188	31st	·834	11th	·354
Year	·692	·744	·639	·105	1·236	...	·074	...	1·162

10. MURREE.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	23+	23+	23+		23+		23+		
January	·763	·784	·742	·042	·909	1st	·579	20th	·330
February	·854	·869	·838	·031	1·079	15th	·645	3rd	·434
March	·805	·824	·785	·039	·937	21st	·478	29th	·459
April	·872	·894	·850*	·044	·974	18th	·718	29th	·256
May	·779	·802	·755	·047	·983	5th	·629	13th	·354
June	·720	·742	·698*	·044	·829	9th	·634	16th	·195
July	·703	·722	·684	·038	·842	17th	·557	10th	·285
August	·741	·762	·720†	·042	·852	30th	·624	8th	·228
September	·821	·838	·803*	·035	·955	7th	·709	1st	·246
October	·941	·960	·921†	·039	1·046	21st	·843	14th	·203
November	·967	·987	·946	·041	1·075	19th	·884	10th	·191
December	·932	·953	·911	·042	1·029	4th	·816	21st	·213
Year	·825	·845	·804	·041	1·079	...	·478	...	·601

* Mean of 29 days. † Mean of 30 days.

11. RAWALPINDI.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	27+	27+	27+		28+		27+		
January	1·290	1·335	1·245	·090	·509	11th	1·068	20th	·441
February	1·328	1·375*	1·281*	·094	·614	14th	·991	28th	623
March	1·174	1·221	1·127	·094	·370	18th	·820	29th	·550
April	1·146	1·194	1·097	·097	·290	18th	·856	29th	·434
May	·944	·995	·893	·102	·201	5th	·750	13th	·451
June	·874	·925†	·823	·102	·022	4th	·730	30th	·292
July	·855	·897	·812	·085	·021	15th	·634	10th	·387
August	·942	·986	·897	·089	·100	17th	·751	8th	·349
September	1·050	1·097‡	1·003‡	·094	·244	6th	·877	1st	·367
October	1·233	1·280	1·185	·095	·430	21st	1·069	3rd	·361
November	1·354	1·400	1·308	·092	·526	19th	1·202	14th	·324
December	1·396	1·442	1·349	·093	·548	31st	1·264	11th & 21st	·284
Year	1·132	1·179	1·085	·094	·614	...	·634	...	·980

12. SIALKOT.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January	1·100	1·140	1·060	·080	1·298	11th	·912	19th	·386
February	1·130	1·172	1·088	·084	1·393	15th	·822	28th	·571
March	·960	1·003	·916	·087	1·150	18th	·643	28th	·507
April	·922	·969	·875	·094	1·071	2nd	·674	29th	·397
May	·713	·763	·662	·101	·965	5th	·516	13th	·449
June	·660	·709	·611	·098	·814	4th	·478	2nd	·336
July	·653	·696	·610	·086	·881	17th	·387	10th	·494
August	·734	·777	·691	·086	·885	17th	·571	8th	·314
September	·839	·878	·799	·079	1·019	7th	·635	15th	·384
October	1·039	1·086	·991	·095	1·206	21st	·874	3rd	·332
November	1·169	1·213	1·125	·088	1·305	19th	1·032	1st	·273
December	1·213	1·260	1·166	·094	1·351	31st	1·088	11th	·263
Year	·928	·972	·883	·089	1·393	...	·387	...	1·006

* Mean of 26 days. † Mean of 29 days. ‡ Mean of 28 days.

13. LAHORE.

MONTH.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date and hour.	Absolute range.
	28+	28+	28+	28+	28+		28+		28+		
January	1·249	1·230	1·300	1·215	1·252	·085	1·473	11th	1·027	20th, 4h.	·446
February	1·279	1·261	1·329	1·244	1·281	·085	1·563	15th & 16th	·935	28th, 16h.	·628
March	1·095	1·074	1·142	1·053	1·111	·089	1·314	17th	·767	29th, ,,	·547
April	1·054	1·045	1·107	1·006	1·057	·101	1·237	1st	·799	29th, ,,	·438
May	·842	·834	·898	·795	·840	·103	1·099	5th	·650	13th, ,,	·449
June	·789	·786	·845	·743	·783	·102	·951	24th	·620	2nd, ,,	·331
July	·775	·770	·826	·732	·771	·094	·978	17th	·501	10th, ,,	·477
August	·856	·841	·906	·819	·858	·087	1·009	29th	·693	1st, ,,	·316
September	·971	·954	1·020	·936	·973	·084	1·162	7th	·777	15th, ,,	·385
October	1·169	1·152	1·225	1·130	1·167	·095	1·359	21st	1·010	11th, ,,	·349
November	1·314	1·295	1·367	1·279	1·316	·088	1·484	19th	1·162	1st, ,,	·322
December	1·361	1·339	1·421	1·328	1·357	·093	1·543	31st	1·225	11th, ,,	·318
Year	1·063	1·048	1·116	1·023	1·064	·092	1·563	...	·501	...	1·062

14. LUDHIANA.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date and hour.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January	1·134	1·175	1·092	·083	1·315	11th, 10h.	·938	29th	·377
February	1·162	1·204	1·119	·085	1·426	16th, ,,	·834	28th	·592
March	·986	1·029	·943	·086	1·179	17th, ,,	·654	28th	·525
April	·953	1·003	·902	·101	1·114	2nd, ,,	·728	29th	·386
May	·761	·809	·713	·096	1·004	5th, ,,	·557	13th	·447
June	·697	·741	·652	·089	·839	3rd, 16h, & 4th, 10h.	·553	1st	·286
July	·690	·731	·649	·082	·878	17th, 10h	·488	10th	·390
August	·755	·797	·712	·085	·902	17th, ,,	·610	1st	·292
September	·873	·916	·830	·086	1·049	7th, ,,	·665	15th	·384
October	1·064	1·107	1·021	·086	1·222	27th, ,,	·859	5th	·363
November	1·193	1·231	1·154	·077	1·330	22nd, ,,	1·047	14th	·283
December	1·239	1·282	1·195	·087	1·382	25th, ,,	1·110	11th	·272
Year	·959	1·002	·915	·087	1·426	...	·488	...	·938

15. CHAMBA.

MONTH.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date and hour.	Lowest reading.	Date and hour.	Absolute range.
	26+	26+	26+	26+	26+		26+		26+		
January	·915	·907	·964	·868	·922	·096	1·142	1st, 10h.	·683	20th, 4h.	·459
February	·970	·968	1·012	·911	·989	·101	1·241	15th, ,,	·700	28th, 16h.	·541
March	·872	·871	·898	·812	·905	·086	1·091	12th, 22h.	·535	29th, 10h.	·556
April	·868	·871*	·899	·810	·890	·089	1·028	16th, 10h.	·654	28th, 16h.	·374
May	·713	·731	·745	·647	·729	·098	·931	5th, ,,	·555	13th, ,,	·376
June	·646	·664*	·668	·596	·654	·072	·762	25th, 22h.	·489	18th, ,,	·273
July	·616	·614	·641	·583	·624	·058	·787	17th, 10h.	·402	10th, ,,	·385
August	·670	·664	·706	·629	·680	·077	·834	17th, ,,	·518	1st & 8th, 16h.	·316
September	·774	·778	·805	·724	·787	·081	·933	7th, ,,	·614	15th, 16h.	·319
October	·948	·953	·985	·890	·964	·095	1·101	20th, 22h.	·793	3rd, ,,	·308
November	1·031	1·032	1·070	·970	1·053	·100	1·174	19th, 10h.	·894	14th, ,,	·280
December	1·049	1·044	1·097	·994	1·059	·103	1·192	30th, 22h.	·914	29th, ,,	·278
Year	·839	·841	·874	·786	·856	·088	1·241	...	·402	...	·839

16. KAILANG.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	20+	20+	20+		20+		20+		
January	·644	·675	·612	·063	·829	5th	·326	20th	·503
February	·749	·780	·718	·062	·985	18th	·431	5th	·554
March	·765	·797	·732	·065	·949	7th	·332	29th	·617
April	·801	·827	·774	·053	·890	2nd & 3rd	·715	28th	·175
May	·767	·785	·748	·037	·882	5th	·618	3rd	·264
June	·700	·734	·665	·069	·801	9th	·526	16th	·275
July	·649	·680	·618	·062	·758	1st	·432	10th	·326
August	·695	·731	·659	·072	·781	30th	·556	5th	·225
September	·755	·786	·724	·062	·872	25th	·617	15th	·255
October	·804	·833	·774	·059	·913	21st	·705	1st	·208
November	·832	·866	·798	·068	·937	26th	·723	1st	·214
December	·822	·857	·786	·071	·935	26th	·668	12th	·267
Year	·749	·779	·717	·062	·985	...	·326	....	·659

* Mean of 29 days.

TABLE VII.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1887.

17. SIMLA.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	23+	23+	23+		23+		22+		
January	·170	·199	·141	·058	·337	12th	·946	19th	·391
February	·238	·263	·213	·050	·455	15th	1·050	8th	·405
March	·220	·249	·190	·059	·370	8th	1·017	28th	·353
April	·264	·293	·234	·059	·368	12th	1·138	29th	·230
May	·212	·241	·183	·058	·385	5th	1·092	13th	·293
June	·144	·164	·124	·040	·225	9th	1·044	17th	·181
July	·124	·144	·103	·041	·259	17th	1·007	11th	·252
August	·160	·181	·139	·042	·255	17th	1·065	8th	·196
September	·218	·242	·194	·048	·355	7th	1·095	15th	·260
October	·323	·352	·294	·058	·412	20th, 21st & 27th.	1·208	14th	·204
November	·357	·386	·328	·058	·448	19th	1·244	10th	·204
December	·315	·343	·286	·057	·412	4th	1·230	15th & 21st.	·182
Year	·229	·253	·202	·052	·455	...	·946	...	·509

18. DELHI.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January	1·228	1·270	1·185	·085	1·405	11th	1·051	28th	·354
February	1·252	1·292	1·212	·080	1·484	16th	·916	28th	·568
March	1·105	1·148	1·061	·087	1·269	18th	·825	28th	·444
April	1·054	1·096	1·012	·084	1·220	2nd	·807	29th	·413
May	·878	·923	·833	·090	1·037	6th	·720	14th	·317
June	·797	·843	·750	·093	·938	30th	·674	5th	·264
July	·822	·853	·790	·063	·981	17th	·674	13th	·307
August	·864	·913	·814	·099	1·004	30th	·760	2nd	·244
September	·975	1·027	·923	·104	1·140	27th	·791	3rd	·349
October	1·167	1·218	1·116	·102	1·332	21st	·978	5th	·354
November	1·290	1·348	1·231	·117	1·438	23rd	1·109	1st	·329
December	1·334	1·390	1·277	·113	1·503	31st	1·155	21st	·348
Year	1·064	1·110	1·017	·093	1·503	...	·674	....	·829

19. SIRSA.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		29+		28+		
January	1·289	1·335	1·243	·092	·482	15th	1·049	28th	·433
February	1·333	1·381	1·284	·097	·621	15th	·948	28th	·673
March	1·144	1·192	1·095	·097	·348	18th	·827	28th	·521
April	1·097	1·151	1·043	·108	·293	1st	·850	29th	·443
May	·856	·951	·840	·111	·121	5th	·729	13th	·292
June	·846	·904	·787	·117	·024	25th	·691	1st	·333
July	·830	·878	·782	·096	·018	17th	·603	10th	·415
August	·908	·957	·858	·099	·056	17th	·755	1st	·301
September	1·028	1·074	·981	·093	·208	7th	·815	15th	·393
October	1·224	1·271	1·176	·095	·405	21st	1·069	11th	·336
November	1·366	1·409	1·322	·087	·519	23rd	1·175	1st	·344
December	1·404	1·451	1·357	·094	·572	31st	1·247	21st	·325
Year	1·114	1·163	1·064	·099	·621	...	·603	...	1·018

20. CHAKRATA.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading	Date.	Lowest reading.	Date and hour.	Absolute range.
	23+	23+	23+		23+		22+		
January	·154	·191	·139	·052	·323	12th	·919	20th, 16h.	·404
February	·230	·268	·218	·050	·463	15th	1·073	1st, ,,	·390
March	·208	·242	·197	·045	·346	3rd	·985	29th, ,,	·361
April	·254	·288	·242	·046	·345	6th	1·154	29th, ,,	·191
May	·189	·228	·173	·055	·383	5th	1·121	2nd, ,,	·262
June	·121	·146	·099	·047	·226	9th	1·026	17th, ,,	·200
July	·105	·137	·087	·050	·243	17th	·966	10th, 10h.	·277
August	·147	·172	·125	·047	·239	17th	1·045	8th, 16h.	·194
September	·205	·232	·185	·047	·343	7th	1·086	15th, ,,	·257
October	·313	·355	·287	·068	·422	31st	1·215	14th, ,,	·207
November	·349	·385*	·330*	·055	·442	19th	1·243	9th, ,,	·199
December	·307	·344	·287	·057	·394	4th	1·213	21st, ,,	·181
Year	·215	·249	·197	·052	·463	...	·919	...	·544

* Mean of 29 days.

21. MUSSOOREE.* (*G. T. S. Office.*)

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	23+	23+	23+		23+		23+		
January	·317	·347	·286	·061	·488	12th	·125	20th	·363
February	·392	·419	·365	·054	·609	15th	·226	1st	·383
March	·373	·400	·346	·054	·504	3rd	·146	29th	·358
April	·419	·445	·392	·053	·499	6th & 12th.	·295	29th	·204
May	·353	·381	·325	·056	·532	5th	·229	13th	·303
June	·281	·305	·256	·049	·383	9th	·176	17th	·207
July	·265	·289	·240	·049	·393	17th	·131	10th	·262
August	·301	·327	·275	·052	·411	17th	·192	8th	·219
September	·366	·391	·341	·050	·510	7th	·243	15th	·267
October	·479	·506	·451	·055	·568	21st	·383	14th	·185
November	·509	·538	·480	·058	·608	19th	·416	14th	·192
December	·478	·510	·445	·065	·562	4th	·381	21st	·181
Year	·378	·405	·350	·055	·609	...	·125	...	·484

* Corrected from June 1887.

22. DEHRA.

MONTH.	Mean.	9½ hours.	15½ hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	27+	27+	27+		27+		27+		
January	·650	·700	·622	·078	·833	4th	·458	19th	·375
February	·695	·740	·661	·079	·943	15th	·465	28th	·478
March	·584	·638	·550	·088	·742	8th	·366	29th	·376
April	·553	·607	·518	·089	·700	3rd	·351	29th	·349
May	·424	·488	·382	·106	·711	5th	·258	13th	·453
June	·371	·423	·332	·091	·492	24th	·223	17th	·269
July	·357	·400	·328	·072	·524	17th	·193	12th	·331
August	·411	·449	·382	·067	·540	29th	·290	1st	·250
September	·489	·534	·456	·078	·672	7th	·312	15th	·360
October	·666	·719	·630†	·089	·814	29th & 30th.	·529	3rd	·285
November	·775	·823	·740	·083	·911	19th	·659	10th	·252
December	·784	·840	·747	·093	·907	28th	·653	21st	·254
Year	·563	·613	·529	·084	·943	...	·693	...	·250

† Mean of 30 days.

23. ROORKEE.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January	1·025	1·089	·988	·101	1·236	11th	·857	29th	·379
February	1·055	1·114	1·009	·105	1·316	15th	·760	28th	·556
March	·901	·967	·859	·108	1·082	8th	·667	28th & 29th.	·415
April	·853	·924	·807	·117	1·031	2nd	·631	29th	·400
May	·683	·762	·629	·133	·976	5th	·506	13th	·470
June	·617	·688	·566	·122	·764	24th	·447	17th	·317
July	·630	·691	·589	·102	·829	17th	·437	12th	·392
August	·700	·754	·660	·094	·847	29th	·567	1st	·280
September	·786	·842	·746	·096	·982	7th	·573	15th	·409
October	·983	1·046	·941	·105	1·157	27th	·830	3rd	·327
November	1·106	1·165	1·063	·102	1·255	19th	·973	10th	·282
December	1·141	1·208	1·098	·110	1·288	28th	·990	21st	·298
Year	·873	·938	·830	·108	1·316	...	·437	...	·879

24. RANIKHET.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	23+	23+	23+		24+		23+		
January	1·014	1·057	·997	·060	·185	12th	·868	24th	·317
February	1·065	1·110	1·043	·067	·287	15th	·909	1st	·378
March	1·052	1·087	1·032	·055	·191	3rd	·914	29th	·277
April	1·070	1·112	1·051	·061	·199	6th	·952	29th	·247
May	·982	1·036	·964	·072	·170	5th	·870	13th & 24th.	·300
June	·915	·965	·896	·069	·046	9th	·810	17th	·236
July	·908	·948	·884	·064	·036	4th	·778	12th	·258
August	·940	·993	·922	·071	·076	17th	·835	8th	·241
September	1·008	1·056	·990	·066	·168	7th	·882	15th	·286
October	1·114	1·176	1·093	·083	·243	21st	1·023	17th	·220
November	1·162	1·213	1·138	·075	·274	22nd	1·083	14th	·191
December	1·142	1·193	1·122	·071	·238	25th	1·059	21st	·179
Year	1·031	1·079	1·011	·068	·287	...	·778	...	·509

TABLE VII.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1887.

25. PITHORAGARH.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	24+	24+	24+		24+		24+		
January	·674	·728	·652	·076	·850	3rd	·521	20th	·329
February	·719	·772	·694	·078	·936	15th	·551	28th	·385
March	·696	·742	·669	·073	·816	3rd	·552	5th	·264
April	·704	·752	·683	·069	·876	6th	·583	22nd	·293
May	·61	·670	·593	·077	·804	5th	·475	13th	329
June	·548	·595	·530	·065	·670	9th	·427	17th	·243
July	·545	·583	·522	·061	·678	17th	·407	12th	·271
August	·584	·627	·571	·056	·703	17th	·504	5th	·199
September	·643	·690	·626	·064	·786	7th	·517	15th	·269
October	·761	·812	·743	·069	·870	27th	·678	3rd	·192
November	·816	·862	·794	·068	·930	19th	·744	10th & 11th.	·186
December	·801	·853	·780	·073	·891	7th	·722	21st	·169
Year	·675	·724	·655	·069	·936	...	·407	...	·529

26. MEERUT.

Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
28+	28+	28+		28+		28+		
1·197	1·254	1·153	·101	1·381	11th	1·016	28th	·365
1·219	1·275	1·175	·100	1·477	15th	·897	28th	·580
1·060	1·122	1·019	·103	1·268	8th	·826	27th	·442
1·006	1·070	·958	·112	1·186	2nd	·746	29th	·440
·832	·905	·784	·121	1·098	5th	·654	13th	·444
·757	·825	·712	·113	·918	4th	·590	1st	·328
·772	·826	·728	·098	·976	17th	·580	12th	·396
·845	·894	·807	·087	·990	17th	·701	4th	·289
·939	·993	·903	·090	1·122	7th	·734	15th	·388
1·140	1·197	1·096	·101	1·310	27th	·996	3rd	·314
1·268	1·321	1·228	·093	1·410	19th	1·150	2nd & 10th.	·260
1·307	1·365	1·262	·103	1·445	31st	1·155	21st	·290
1·029	1·087	·985	·102	1·477	...	·580	...	·897

27. BAREILLY.

Month.	Mean.	10 hours.	16 hours	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		29+		28+		
January	1·364	1·417	1·324	·093	·557	11th	1·188	29th	·369
February	1·377	1·431	1·333	·098	·624	15th	1·081	28th	·543
March	1·236	1·293	1·184	·109	·387	8th	1·030	28th	·357
April	1·174	1·240	1·120	·120	·366	3rd	·914	29th	·452
May	1·006	1·070	·949	·121	·288	5th	·822	13th	·466
June	·940	·998	·882	·116	·072	4th	·793	18th	·279
July	·944	·989	·891	·098	·139	17th	·755	12th	·384
August	1·014	1·059	·962	·097	·161	17th	·860	5th	·301
September	1·106	1·149	1·058	·091	·304	8th	·886	15th	·418
October	1·310	1·368	1·260	·108	·471	27th	1·119	5th	·352
November	1·433	1·485	1·393	·092	·576	23rd	1·297	9th	·279
December	1·480	1·544	1·427	·117	·613	19th	1·326	21st	·287
Year	1·199	1·254	1·149	·105	·624	...	·755	...	·869

28. AGRA.

Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
28+	29+	28+		29+		28+		
1·404	·471	1·354	·117	·604	15th	1·204	28th	·400
1·448	·515	1·392	·123	·721	15th	1·088	28th	·633
1·282	·349	1·223	·126	·478	18th	·963	28th	·515
1·215	·289	1·155	·134	·425	3rd	·929	29th	·496
1·047	·112	·989	·123	·297	5th	·890	13th	·407
·975	·032	·910	·122	·128	24th	·819	1st	·309
·974	·017	·922	·095	·176	17th	·747	12th	·429
1·048	·087	1·005	·082	·184	17th	·893	4th	·291
1·170	·216	1·120	·096	·340	27th	·934	11th	·406
1·363	·419	1·314	·105	·522	27th	1·211	6th	·311
1·491	·553	1·443	·110	·665	23rd	1·357	2nd	·308
1·522	·586	1·470	·116	·677	31st	1·381	21st	·296
1·245	·304	1·191	·112	·721	...	·747	...	9·74

29. LUCKNOW.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		28+		
January	·584	·644	·539	·105	·772	1st	1·365	29th	·407
February	·610	·669	·561	·108	·848	11th	1·291	28th	·557
March	·457	·513	·406	·107	·608	17th	1·261	28th	·347
April	·387	·451	·335	·116	·549	1st	1·159	29th	·390
May	·238	·294	·187	·107	·484	5th	1·067	13th	·417
June	·169	·215	·116	·099	·291	24th	1·020	18th	·271
July	·166	·207	·117	·090	·366	17th	·942	11th	·424
August	·247	·287	·200	·087	·393	17th	1·105	4th	·288
September	·327	·371	·279	·092	·496	29th	1·086	15th	·410
October	·529	·583	·482	·101	·684	29th	1·372	5th	·312
November	·658	·714	·614	·100	·802	23rd	1·530	14th	·272
December	·698	·757	·648	·109	·809	26th	1·562	21st	·247
Year	·423	·475	·374	·102	·848	...	·942	...	·906

30. GORAKHPUR.

Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
29+	29+	29+		29+		29+		
·688	·752	·642	·110	·891	13th	·514	29th	·377
·701	·765	·648	·117	·939	11th	·403	28th	·536
·559	·622	·503	·119	·732	8th	·375	28th	·357
·501	·576	·439	·137	·720	6th	·271	29th	·449
·351	·416	·293	·123	·622	5th	·149	13th	·473
·282	·333	·225	·108	·414	24th	·136	18th	·278
·262	·309	·207	·102	·446	16th	·036	11th	·410
·351	·398	·298	·100	·500	12th	·227	4th	·273
·424	·473	·371	·102	·604	6th	·220	15th	·384
·629	·688	·578	·110	·795	29th	·451	3rd	·344
·751	·810	·703	·107	·905	23rd	·614	9th	·291
·802	·864	·752	·112	·910	27th	·681	20th, 21st, & 24th.	·229
·525	·584	·472	·112	·939	...	·036	...	·903

31. JHANSI.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January	1·117	1·190*	1·064*	·126	1·316	7th	·844	20th	·472
February	Not recorded.								
March	1·001	1·064†	·945†	·119	1·187	18th	·728	28th	·459
April	·925	·986	·875	·111	1·138	2nd	·679	29th	·459
May	·770	·827	·719	·108	·989	5th	·595	3rd	·394
June	·697	·746	·642	·104	·827	24th	·569	6th	·258
July	·679	·724	·625	·099	·887	17th	·445	12th	·442
August	·766	·793	·735	·058	·892	17th	·633	4th	·259
September	·873	·909	·832	·077	1·048	29th	·689	15th	·359
October	1·061	1·115	1·014	·101	1·203	21st	·901	11th	·302
November	1·180	1·239	1·133	·106	1·327	23rd	1·064	1st	·263
December	1·215	1·268	1·171	·097	1·345	26th	1·036	22nd	·249
Year	?	?	?	?	?	...	?	...	?

32. ALLAHABAD.

Mean.	5 hours.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date and hour.	Absolute range.
29+	29+	29+	29+	29+		29+		28+		
·644	·635	·715	·601	·653	·114	·835	1st	1·419	20th, 6h.	·416
·674	·673	·747	·623	·680	·124	·925	11th	1·348	28th, 16h.	·577
·514	·518	·583	·460	·526	·123	·690	18th	1·288	28th, ,,	·402
·446	·462	·511	·392	·454	·119	·678	2nd	1·194	29th, ,,	·484
·285	·309	·348	·228	·292	·120	·532	5th	1·104	13th, ,,	·428
·209	·232	·267	·145	·225	·122	·357	24th	1·047	11th, ,,	·310
·206	·217	·251	·148	·231	·103	·438	17th	·917	11th, ,,	·521
·289	·290	·336	·237	·314	·099	·421	17th	1·156	23rd, ,,	·265
·377	·383	·427	·324	·397	·103	·567	29th	1·145	15th, ,,	·422
·588	·597	·644	·536	·600	·108	·751	29th	1·419	5th, ,,	·332
·716	·719	·780	·672	·725	·108	·868	23rd	1·585	1st, ,,	·283
·758	·760	·826	·710	·767	·116	·893	27th	1·635	21st, ,,	·258
·476	·483	·536	·423	·489	·113	·925	...	·917	...	1·008

* Mean of 26 days. † Mean of 29 days.

33. BENARES.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		28+		
January	·693	·758	·645	·113	·890	13th	1·509	29th	·381
February	·714	·781	·658	·123	·957	11th	1·383	28th	·574
March	·555	·621	·496	·125	·727	18th	1·347	28th	·380
April	·481	·551	·422	·129	·710	2nd	1·239	29th	·471
May	·325	·383	·272	·111	·578	5th	1·141	13th	·437
June	·255	·310	·192	·118	·391	24th	1·099	14th	·292
July	·239	·287	·183	·104	·467	17th	·951	11th	·516
August	·331	·378	·277	·101	·465	31st	1·196	23rd	·269
September	·409	·462	·352	·110	·594	30th	1·174	15th	·420
October	·623	·682	·571	·111	·791	29th	1·442	5th	·349
November	·758	·821	·708	·113	·917	23rd	1·625	1st	·292
December	·803	·864	·754	·110	·927	27th	1·685	21st	·242
Year	·516	·575	·461	·114	·957	...	·951	...	1·006

34. GHAZIPUR.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·753	·810	·696	·114	·939	1st	·551	29th	·388
February	·765	·829	·701	·128	1·022	11th	·440	28th	·582
March	·615	·677	·552	·125	·830	8th	·421	5th	·409
April	·544	·603	·485	·118	·762	3rd	·301	29th	·461
May	·380	·442	·318	·124	·643	5th	·183	13th	·460
June	·311	·366	·256	·110	·461	8th	·150	14th	·311
July	·284	333	·234	·099	·494	17th	·031	11th	·463
August	·374	·428	·320	·108	·522	12th	·242	2nd	·280
September	·457	·512	·401	·111	·671	6th	·226	15th	·445
October	·677	·732	·621	·111	·850	27th	·497	6th	·353
November	·816	·875	·756	·119	·965	23rd	·677	1st & 9th	·288
December	·889	·948	·829	·119	1·026	27th	·734	20th	·292
Year	·572	·630	·514	·116	1·026	...	·031	...	·995

35. KATMANDU.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	25+	25+	25+		25+		25+		
January	·572	·620	·524	·096	·780	12th	·399	22nd	·381
February	·599	·645	·552	·093	·777	14th	·422	28th	·355
March	·573	·621	·524	·097	·722	18th	·411	5th	·311
April	·572	·628	·515	·113	·774	8th	·394	22nd	·380
May	·476	·517	·434	·083	·693	5th	·331	15th	·362
June	·404	·439	·368	·071	·534	9th	·279	17th	·255
July	·390	·428	·352	·076	·585	3rd	·270	9th	·315
August	·456	·498	·413	·085	·670	12th	·314	4th	·356
September	·511	·547	·475	·072	·643	30th	·359	11th	·284
October	·635	·683	·586	·097	·793	30th	·499	3rd	·294
November	·677	·731	·623	·108	·855	20th	·539	10th & 13th	·316
December	·693	·748	·638	·110	·807	14th	·554	21st	·253
Year	·547	·592	·500	·092	·855	...	·270	...	·585

36. SIBSAGAR.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·667	·730	·591	·139	·854	1st	·446	15th	·408
February	·672	·742	·590	·152	·885	11th	·378	28th	·507
March	·579	·644	·499	·145	·740	7th	·312	5th	·428
April	·543	·614	·462	·152	·736	8th	·289	21st	·447
May	·386	·452	·317	·135	·588	5th	·159	23rd	·429
June	·310	·369	·242	·127	·453	1st	·138	17th	·315
July	·275	·345	·194	·151	·470	3rd	·025	12th	·445
August	·362	·426	·292	·134	·530	10th	·198	21st	·332
September	·395	·464	·320	·144	·555	7th	·158	11th	·397
October	·597	·664	·522	·142	·766	29th	·357	5th	·409
November	·695	·762	·609	·153	·841	23rd	·525	13th	·316
December	·737	·803	·659	·144	·869	18th	·569	20th	·300
Year	·518	·585	·441	·143	·885	...	·025	...	·860

37. DHUBRI.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·853	·921	·785	·136	1·055	12th	·641	30th	·414
February	·860	·934	·785	·149	1·125	11th	·562	28th	·563
March	·732	·808	·655	·153	·912	7th	·498	5th	·414
April	·710	·782	·637	·145	·910	3rd	·466	22nd	·444
May	·578	·635	·521	·114	·798	5th	·363	13th	·435
June	·497	·543	·450	·093	·637	25th	·330	17th	·307
July	·457	·511	·402	·109	·695	3rd	·259	10th	·436
August	·556	·611	·500	·111	·702	31st	·406	1st	·296
September	·594	·654	·534	·120	·769	6th	·351	10th	·418
October	·792	·855	·728	·127	·950	29th	·585	3rd	·365
November	·883	·946	·820	·126	1·030	23rd	·721	14th	·309
December	·927	·998	·856	·142	1·048	7th & 27th	·766	20th	·282
Year	·703	·767	·639	·127	1·125	...	·259	...	·866

38. SILCHAR.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·869	·934	·803	·131	1·054	12th	·702	22nd	·352
February	·877	·949	·807	·142	1·114	11th	·591	28th	·523
March	·785	·856	·722	·134	·923	13th	·618	5th	·305
April	·743	·815	·670	·145	·921	6th	·529	22nd	·392
May	·609	·670	·546	·124	·814	5th	·395	23rd & 24th.	·419
June	·550	·598	·491	·107	·685	3rd	·343	18th	·342
July	·492	·545	·415	·130	·708	15th	·248	12th	·460
August	·605	·660	·533	·127	·785	30th	·441	21st	·344
September	·620	·681	·548	·133	·794	29th	·363	11th	·431
October	·804	·863	·735	·128	·954	14th	·576	6th	·378
November	·878	·940	·817	·123	1·012	23rd	·738	14th	·274
December	·928	·996	·859	·137	1·060	30th	·764	20th	·296
Year	·730	·792	·662	·130	1·114	...	·248	...	·866

39. DARJEELING.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	22+	22+	22+		22+		22+		
January	·880	·917	·842	·075	1·072	12th	·691	22nd	·381
February	·941	·979	·903*	·076	1·125	15th	·767	1st	·358
March	·921	·959	·882	·077	1·063	7th	·777	5th	·286
April	·960	·998	·921†	·077	1·136	26th	·828	29th.	·308
May	·914	·949	·878‡	·071	1·060	5th	·736	13th	·324
June	·850	·877	·822*	·055	·930	9th & 29th.	·721	17th	·209
July	·854	·883	·824§	·059	·986	15th	·732	11th	·254
August	·905	·941	·868†	·073	1·006	12th	·805	4th	·201
September	·935	·975	·894*	·081	1·066	6th	·815	11th	·251
October	1·040	1·082	·997*	·085	1·139	8th	·931	16th	·208
November	1·052	1·089†	1·015‡	·074	1·180	19th	·951	10th	·229
December	1·009	1·053	·965	·088	1·103	7th	·879	29th	·224
Year	·938	·975	·901	·074	1·180	...	·691	...	·489

* Mean of 27 days. ‡ Mean of 28 days.
† „ „ 29 „ § „ „ 30 „

40. PEDONG.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	25+	25+	25+		25+		24+		
January	·239	·289	·188	·101	·461	13th	1·035	22nd	·426
February	·287	·341*	232†	·109	·509	18th	1·119	28th	·390
March	·240	·287	·192	·095	·398	7th	1·101	15th	·297
April	·257	·305‡	·209†	·096	·404	6th	1·079	22nd	·325
May	·180	·223	·136§	·087	·348	5th	·973	13th	·375
June	·098	·139§	·056‡	·083	·193	29th	·947	17th	·246
July	·093	·130‖	·055‖	·075	·264	3rd	·959	11th	·305
August	·160	·203§	·116§	·087	·286	31st	1·021	4th	·265
September	·194	·239	·149	·090	·331	7th	1·044	10th	·287
October	·335	·386‡	·283‡	·103	·453	14th	1·212	10th	·241
November	·380	·429§	·331	·098	·511	5th & 19th	1·258	10th	·253
December	·367	·421	·312‖	·109	·471	7th	1·216	20th	·255
Year	·236	·283	·188	·094	·511	...	·947	...	·564

* Mean of 27 days. ‡ Mean of 28 days. § Mean of 29 days.
† „ „ 26 „ ‖ „ „ 30 „

41. PURNEAH.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·840	·908	·786	·122	1·056	12th	·643	29th	·413
February	·845*	·922	·783	·139	1·135	11th	·511	28th	·624
March	·705	·781	·637	·144	·894	7th	·499	5th	·395
April	·664	·737	·593	·144	·871	3rd	·398	22nd	·473
May	·521	·579	·454	·125	·773	5th	·296	13th	·477
June	·464	·508	·406	·102	·588	24th	·304	17th	·284
July	·437	·483	·377	·106	·656	3rd	·212	10th	·444
August	·537	·588	·474	·114	·697	12th	·356	1st	·341
September	·593	·644	·530	·114	·770	6th	·346	10th	·424
October	·779	·846§	·717§	·129	·953	29th	·572	5th	·381
November	·890	·959	·831	·128	1·052	23rd	·760	10th	·292
December	·933	1·000	·879	·121	1·065	7th	·798	20th	·267
Year	·684	·746	·622	·124	1·135	...	·212	...	·923

* Mean of 27 days. ‡ Mean of 28 days. § Mean of 29 days.
† „ „ 26 „ ‖ „ „ 30 „

42. DURBHUNGA.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·800	·866	·744	·122	1·013	13th	·602	29th	·411
February	·804	·878	·744	·134	1·071	11th	·477	28th	·594
March	·657	·726	·596	·130	·847	7th	·462	5th	·385
April	·616	·684	·550	·134	·824	3rd	·374	22nd	·450
May	·438	·521	·392	·129	·732	5th	·249	13th	·483
June	·395	·446	·342	·104	·525	4th	·239	17th	·286
July	·372	·420	·315	·105	·576	3rd	·150	10th	·426
August	·460	·518	·402	·116	·630	31st	·290	1st	·340
September	·519	·576	·460	·116	·724	6th	·292	11th	·432
October	·736	·804	·676	·128	·894	29th	·544	5th	·350
November	·841	·913	·782	·131	1·002	23rd	·695	2nd	·307
December	·893	·968	·831	·137	1·021	7th	·756	20th	·265
Year	·629	·693	·570	·124	1·071	...	·150	...	·921

43. PATNA.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·784	·851	·727	·124	·993	1st	·561	29th	·432
February	·799	·871	·741	·130	1·071	11th	·471	28th	·600
March	·644	·713	·583	·130	·826	7th	·455	5th	·371
April	·586	·653	·521	·132	·799	3rd	·357	29th	·442
May	·425	·482*	·366†	·116	·692	5th	·219	27th	·473
June	·371	·422	·317	·105	·498	25th	·233	17th	·265
July	·349	·397	·293	·104	·536	3rd	·076	10th	·460
August	·438	·493	·383	·110	·593	31st	·290	1st	·303
September	·508	·560	·454	·106	·694	6th	·295	10th	·399
October	·719	·784	·661	·123	·888	29th	·528	5th	·360
November	·841	·907	·786	·121	1·006	23rd	·700	9th	·306
December	·896	·965	·838	·127	1·020	27th	·763	20th	·257
Year	·613	·675	·556	·119	1·071	...	·076	...	·995

* Mean of 30 days.
† „ „ 29 „

44. GYA.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		28+		
January	·588	·648	·540	·108	·775	13th	1·382	29th	·393
February	·580	·654	·535	·119	·835	11th	1·259	28th	·576
March	·431	·493	·379	·114	·596	7th & 18th	1·254	28th	·342
April	·368	·431	·313	·118	·589	3rd	1·130	29th	·459
May	·204	·250	·145	·105	·455	5th	·987	27th	·468
June	·145	·192	·097	·095	·283	24th	1·007	14th	·276
July	·128	·165	·070	·095	·317	17th	·908	10th	·409
August	·215	·258	·159	·099	·348	31st	1·085	1st	·263
September	·275	·324	·222	·102	·467	30th	1·070	15th	·397
October	·492	·545	·442	·103	·653	29th	1·313	5th	·340
November	·620	·679	·564	·115	·772	23rd	1·475	1st	·297
December	·674	·744	·611	·133	·795	4th	1·549	21st	·246
Year	·393	·449	·340	·109	·835	...	·908	...	·927

45. HAZARIBAGH.

MONTH.	Mean.	10 hours	16 hours.	Range.	Highest reading.	Date.	Lowest reading	Date.	Absolute range.
	27+	27+	27+		27+		27+		
January	·911	·962	·869	·093	1·100	13th	·742	29th	·358
February	·950	1·001	·904	·097	1·159	11th	·667	28th	·492
March	·838	·889	·793	·096	·973	18th	·664	29th	·309
April	·799	·847	·750	·097	·974	3rd	·589	29th	·385
May	·650	·689	·605	·084	·883	5th	·435	26th	·448
June	·601	·633	·559	·074	·722	25th	·462	14th	·260
July	·569	·601	·520	·081	·752	17th	·343	10th	·409
August	·645	·686	·597	·089	·780	31st	·519	22nd	·261
September	·712	·755	·665	·090	·895	29th	·474	11th	·421
October	·906	·954	·854	·100	1·035	29th	·748	5th	·287
November	·988	1·038	·945	·093	1·113	23rd	·858	1st	·255
December	1·010	1·067	·970	·097	1·120	27th	·895	20th	·225
Year	·798	·844	·753	·091	1·159	...	·343	...	·816

46. BERHAMPORE.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·893	·966	·841	·125	1·090	12th	·675	29th	·415
February	·903	·983	·844	·139	1·186	11th	·557	28th	·629
March	·759	·837	·700	·137	·924	8th	·583	28th	341
April	·715	·786	·645	·141	·910	2nd	·466	22nd	·444
May	·576	·634	·510	·124	·831	5th	·364	13th	·467
June	·513	·557	·457	·100	·651	25th	·362	17th	·289
July	·478	·521	·422	·099	·685	3rd	·268	10th	·417
August	·586	·632	·528	·104	·742	31st	·379	1st	·363
September	·629	·682	·572	·110	·810	6th	·382	10th	·428
October	·840	·903	·786	·117	·998	26th	·638	5th	·360
November	·934	1·002	·880	·122	1·091	23rd	·798	14th	·293
December	·982	1·059	·926	·133	1·110	27th	·832	20th	·278
Year	·734	·797	·676	·121	1·186	...	·268	...	·918

47. BURDWAN.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·867	·944	·814	·130	1·061	12th	·623	29th	·438
February	·874	·958	·813	·145	1·158	11th	·519	28th	·639
March	·727	·808	·666	·142	·887	7th	·541	28th	·346
April	·683	·755	·613	·142	·883	2nd	·427	29th	·456
May	·536	·592	·471	·121	·798	5th	·310	26th	·488
June	·476	·521	·418	·103	·628	25th	·311	16th	·317
July	·434	·474	·382	·092	·634	3rd	·215	10th	·419
August	·549	·597	·489	·108	·705	31st	·347	1st	·358
September	Imperfect.								
October	·798	·862	·744	·118	·950	27th	·599	6th	·351
November	·894	·962	·840	·122	1·049	23rd	·760	1st	·289
December	·942	1·017	·886	·131	1·070	27th	·795	29th	·275
Year	?	?	?	?	1·158	...	·215	...	·943

48. JESSORE.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·926	1·004	·872	·132	1·125	12th	·728	29th	·397
February	·941	1·022	·881	·141	1·209	11th	·630	28th	·579
March	·802	·883	·741	·142	·965	7th	·632	28th	·333
April	·769	·839	·701	·138	·968	2nd	·535	22nd	·433
May	·635	·690	·571	·119	·867	5th	·465	14th	·402
June	·566	·611	·508	·103	·720	25th	·393	17th	·327
July	·518	·562	·461	·101	·726	3rd	·306	13th	·420
August	·633	·678	·575	·103	·784	30th	·409	1st	·375
September	·664	·718*	·606*	·112	·857	30th	·382	15th	·475
October	·871	·934	·817	·117	1·017	27th	·672	5th	·345
November	·950	1·017	·896	·121	1·105	23rd	·808	1st	·397
December	1·002	1·077	·947	·130	1·135	27th	·855	20th	·280
Year	·773	·836	·715	·122	1·209	...	·306	...	·903

49. DACCA.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·945	1·010	·888	·122	1·126	12th	·759	21st	·367
February	·952	1·024	·890	·134	1·208	11th	·672	28th	·536
March	·830	·899	·767	·132	·970	7th	·671	1st & 5th	·299
April	·790	·860	·726	·134	·976	2nd	·555	22nd	·421
May	·661	·715	·604	·111	·875	5th	·463	23rd	·412
June	·595	·636	·543	·093	·738	25th	·432	18th	·306
July	·549	·588	·491	·097	·731	3rd	·342	12th	·389
August	·656	699	·597	·102	·807	12th & 31st	·485	1st	·322
September	·686	·735	·626	·109	·851	29th	·437	10th	·414
October	·879	·934	·823	·111	1·010	29th	·663	5th	·347
November	·963	1·020	·907	·113	1·095	23rd	·817	14th	·278
December	1·013	1·075	·955	·120	1·136	30th	·857	20th	·279
Year	·793	·850	·735	·115	1·208	...	·342	...	·866

* Mean of 29 days.

50. CHITTAGONG.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·875	·933	·819	·114	1·040	12th	·715	22nd	·325
February	·899	·961	·846	·115	1·116	11th	·686	27th	·430
March	·802	·863	·753	·110	·924	13th	·674	28th	·250
April	·753	·819	·698	·121	·921	6th	·560	22nd	·361
May	·631	·682	·580	·102	·815	5th	·416	23rd	·399
June	·584	·623	·534	·089	·709	24th & 25th	·410	18th	·299
July	·524	·559	·474	·085	·694	15th	·278	12th	·416
August	·636	·677	·580	·097	·759	12th & 31st	·495	1st	·264
September	·657	·708	·595	·113	·827	29th & 30th	·408	10th	·419
October	·816	·875	·754	·121	·948	14th	·608	3rd	·340
November	·885	·938	·834	·104	1·009	23rd	·771	14th	·238
December	·930	·987	·874	·113	1·045	30th	·769	20th	·276
Year	·749	·802	·695	·107	1·116	...	·278	...	·838

51. CALCUTTA (ALIPORE).

Month.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date and hour.	Lowest reading.	Date and hour.	Absolute range.
	29+	29+	29+	29+	29+		29+		29+		
January	·943	·943	1·013	·887	·954	·126	1·126	12th, 10h.	·731	26th, 16h.	·395
February	·959	·959	1·031	·900	·974	·131	1·240	11th, ,,	·652	28th, ,,	·588
March	·820	·825	·887	·760	·845	·127	·967	8th, ,,	·652	1st, ,,	·315
April	·777	·791	·840	·719	·788	·121	·964	2nd, ,,	·566	22nd, ,,	·398
May	·625	·635	·676	·573	·649	·103	·866	5th, ,,	·411	26th, 6h.	·455
June	·567	·573	·602	·519	·597	·083	·709	25th, ,,	·407	17th, 16h	·302
July	·518	·518	·549	·469	·552	·080	·713	3rd, 22h.	·288	13th, ,,	·425
August	·628	·627	·670	·580	·660	·090	·780	31st, 10h.	·433	1st, ,,	·347
September	·674	·674	·722	·621	·703	·101	·861	30th, ,,	·431	11th, ,,	·430
October	·878	·885	·938	·831	·897	·107	1·021	27th, ,,	·686	6th, ,,	·335
November	·967	·972	1·034	·920	·985	·114	1·127	25th, ,,	·812	1st, ,,	·315
December	1·021	1·025	1·095	·969	1·033	·126	1·150	7th, ,,	·878	20th, ,,	·272
Year	·781	·786	·838	·729	·803	·109	1·240	...	·288	...	·952

52. SAUGOR ISLAND.

MONTH.	Mean	4 hours.	10 hours.	16 hours.	22 hours	Range.	Highest reading.	Date.	Lowest reading.	Date and hour.	Absolute range
	29+	29+	29+	29+	29+		29+		29+		
January	·941	·920	1·007	·876	·962	·131	1·109	12th	·674	31st, 16h.	·435
February	·954	·917	1·031	·886	·981	·145	1·225	11th	·649	28th, ,,	·576
March	·819	·773	·893	·752	·856	·141	·973	7th	·554	1st, ,,	·419
April	·790	·764	·854	·736	·805	·118	·973	2nd	·560	21st, ,,	·413
May	·629	·605	·683	·582	·647	·101	·866	6th	·162	26th, 4h.	·704
June	·578	·558	·617	·525	·611	·092	·733	25th	·398	18th, 16h.	·335
July	·526	·507	·555	·480	·560	·075	·720	15th	·269	13th, ,,	·451
August	·638	·618	·679	·586	·670	·093	·786	31st	·459	1st, ,,	·327
September	·679	·658	·758	·618	·683	·140	·887	30th	·401	11th, ,,	·486
October	·886	·860	·941	·835	·906	·106	1·028	27th	·693	6th, ,,	·335
November	·978	·952	1·036	·925	·999	·111	1·116	19th	·787	1st, ,,	·329
December	1·034	1·014	1·097	·971	1·053	·126	1·169	6th	·870	20th, ,,	·299
Year	·788	·762	·846	·731	·811	·115	1·225	...	·162	...	1·063

53. LIGHT SHIP, SANDHEADS.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	Imperfect.								
February	1·008	1·046*	·970*	·076	1·216	12th	·704	28th	·512
March	·875	·925†	·825†	·100	1·016	9th	·704	1st	·312
April	·845	·893	·796	·097	1·020	9th	·631	20th	·389
May	·675	·717‡	·633‡	·084	·902	6th	·467	24th	·435
June	·611	·653	·568	·085	·770	25th	·472	11th	·298
July	Not recorded.								
August									
September									
October									
November									
December									
Year	...	...	...	...	...	...	...	...	...

* Mean of 26 days. ‡ Mean of 24 days.
† ,, ,, 30 ,,

54. CUTTACK.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·874	·941	·808	·133	1·044	12th	·656	21st	·388
February	·901	·969	·831	·138	1·150	11th	·554	28th	·596
March	·764	·827	·693	·134	·909	9th	·576	26th	·333
April	·728	·791	·653	·138	·911	1st	·490	22nd	·421
May	·552	·601	·482*	·119	·810	5th	·304	25th	·506
June	·517	·555	·460	·095	·672	25th	·309	12th	·363
July	·482	·517	·428*	·089	·656	16th	·246	13th	·410
August	·574	·614	·520	·094	·696	31st	·401	20th	·295
September	·623	·671†	·564†	·107	·835	30th	·344	11th	·491
October	·823	·875	·770	·105	·968	27th	·636	6th	·332
November	·917	·974	·860	·114	1·055	23rd	·733	1st	·322
December	·970	1·035	·906	·129	1·090	27th	·817	20th	·273
Year	·727	·781	·665	·116	1·150	...	·246	...	·904

55. FALSE POINT.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·798	·848	·746	·102	1·215	...	·227	...	·988
February	·974	1·007	·896	·111	1·112	12th	·731	21st	·381
March	·839	·897	·782	·115	·970	9th	·667	29th	·303
April	·808	·869	·749	·120	·982	2nd	·600	22nd	·382
May	·630	·680	·575	·105	·876	5th	·227	25th	·649
June	·582	·622	·532	·090	·741	25th	·386*	12th	·355
July	·543	·577	·499	·078	·714	15th	·314	13th	·400
August	·648	·687	·598	·089	·774	31st	·486	20th	·288
September	·691	·736	·639	·097	·887	30th	·413	11th	·474
October	·889	·939	·840	·099	1·023	27th	·713	6th	·310
November	·986	1·033	·939	·094	1·123	23rd	·807	1st	·316
December	1·041	1·093	·988	·105	1·146	27th	·895	20th	·251
Year	·798	·848	·746	·102	1·215	...	·227	...	·988

* Mean of 30 days.
† ,, ,, 29 ,,

TABLE VII.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1887.

56. SAMBALPUR.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+			29+		28+		
January	·474	·543	·404	·139	·636	1st	1·269	21st	·367
February	·506	·579	·432	·147	·753	11th	1·176	28th	·577
March	·340	·419	·260	·159	·493	8th	1·123	29th	·370
April	·303	·388	·218	·170	·526	3rd	1·063	29th	·463
May	·121	·195	·046	·149	·387	5th	·935	25th	·452
June	·093	·154	·031	·123	·252	24th	·907	12th	·345
July	·073	·120	·026	·094	·279	17th	·872	13th	·407
August	·157	·214	·100	·114	·305	25th	·976	20th	·329
September	·233	·291	·175	·116	·456	29th & 30th	·954	11th	·502
October	·433	·494	·372	·122	·600	26th	1·257	6th	·343
November	·531	·592	·469	·123	·683	26th	1·366	1st	·317
December	·580	·646	·513*	·133	·703	28th	1·445	20th	·258
Year	·320	·386	·254	·132	·753	...	·872	...	·881

* Mean of 30 days.

57. RAIPUR.†

Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
28+	28+	28+		28+		28+		
·946†	1·016	·875	·141	1·098	1st	·750	19th	·348
·994	1·067	·921	·146	1·227	16th	·658	28th	·569
·840	·914	·766	·148	1·006	7th	·631	28th	·375
·797	·872	·721	·151	1·015	3rd	·582	29th	·433
·626	·694	·558	·136	·854	5th	·441	26th	·413
·596	·655	·537‡	·118	·750	24th	·364	13th	·386
·578	·626	·529	·097	·790	17th	·379	14th	·411
·660	·712	·607	·105	·797	25th	·492	19th	·305
·728	·786	·670	·116	·947	29th	·450	12th	·497
·914	·976	·852	·124	1·072	27th	·735	13th	·337
1·007	1·070	·944	·126	1·172	26th	·830	1st	·342
1·056	1·122	·989	·133	1·177	28th	·915	21st	·262
·812	·876	·747	·128	1·227	...	·364	...	·863

† The barometric observations in January are doubtful.
‡ Mean of 29 days.

58. NAGPUR.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January	·888	·962	·814	·148	1·034	1st	·670	19th	·364
February	·934	1·012	·856	·156	1·175	16th	·605	28th	·570
March	·785	·861	·708	·153	·958	7th	·571	28th	·387
April	·738	·814	·662	·152	·966	3rd	·533	29th	·433
May	·597	·666	·527	·139	·778	5th	·429	26th	·349
June	·564	·623	·505	·118	·701	25th	·368	3th	·333
July	·559	·603	·514	·089	·763	17th	·360	14th	·403
August	·629	·679	·579	·100	·764	7th	·512	19th	·252
September	·690	·746	·634	·112	·907	30th	·438	11th	·469
October	·859	·920	·797	·123	1·028	16th	·638	13th	·390
November	·956	1·018	·893	·125	1·115	26th	·769	1st	·346
December	·998	1·063*	·933	·130	1·111	17th	·859	21st	·252
Year	·766	·831	·702	·129	1·175	...	·360	...	·815

59. SEONI.

Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
27+	27+	27+		27+		27+		
·879	·936	·821	·115	1·013	7th	·678	19th	·335
·931	·990	·872	·118	1·152	16th	·652	28th	·500
·812	·871	·753	·118	·947	8th	·615	29th	·332
·772	·832	·712	·120	·947	3rd	·609	29th	·338
·642	·695	·588	·107	·808	5th	·490	26th	·318
·579	·628	·529	·099	·710	24th	·387	14th	·323
·559	·605	·512	·093	·755	17th	·390	14th	·365
·625	·669	·580	·089	·736	26th	·512	23rd	·224
·696	·745	·646	·099	·902	29th	·459	15th	·443
·870	·922	·818	·104	·997	16th & 21st	·691	13th	·306
·960	1·012	·908	·104	1·097	23rd	·779	15th	·318
·984	1·041*	·927†	·114	1·088	27th	·835	11th	·253
·815	·776	·829	·722	·107	1·152	...	·387	...	·765

* Mean of 30 days.
† „ „ 29 „

60. JUBBULPORE.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January .	·585	·647	·523	·124	·726	1st	·383	19th	·343
February .	·647	·710	·583	·127	·896	16th	·327	28th	·569
March .	·497	·565	·428	·137	·645	18th	·257	29th	·388
April .	·440	·506	·374	·132	·622	3rd	·241	28th	·381
May .	·295	·358	·231	·127	·431	17th	·131	26th	·300
June .	·236	·287	·184	·103	·359	29th	·087	13th	·272
July .	·225	·271	·178	·093	·437	17th	·061	25th	·376
August .	·300	·344	·255	·089	·412	26th	·173	19th	·239
September .	·381	·433	·329	·104	·592	30th	·131	15th	·461
October .	·571	·623	·519	·104	·708	29th	·401	11th	·307
November .	·671	·725	·616	·109	·803	26th	·526	1st	·277
December .	·697	·754	·640	·114	·810	27th	·559	21st	·251
Year . .	·462	·519	·405	·114	·896	...	·061	...	·835

61. SAUGOR.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	27+	27+	27+		27+		27+		
January .	1·137	1·194	1·079	·115	1·279	15th	·956	19th	·323
February .	1·200	1·257	1·143	·114	1·448	16th	·919	28th	·529
March .	1·076	1·131	1·020	·111	1·227	18th	·851	29th	·376
April .	1·027	1·084	·970	·114	1·200	2nd	·839	29th	·361
May .	·894	·950	·837	·113	1·067	5th	·729	3rd	·338
June .	·819	·873	·764	·109	·962	24th	·668	13th	·294
July .	·789	·835	·742	·093	·987	18th	·605	15th	·382
August .	·865	·911	·818	·093	·970	7th	·748	24th	·222
September .	·957	1·005	·909	·096	1·153	30th	·695	15th	·458
October .	1·135	1·185	1·085	·100	1·265	27th	·977	11th	·288
November .	1·234	1·286	1·182	·104	1·364	23rd	1·086	1st	·278
December .	1·251	1·305	1·197	·108	1·357	17th	1·122	21st	·235
Year . .	1·032	1·085	·979	·106	1·448	...	·605	...	·843

62. PACHMARHI.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	26+	26+	26+		26+		26+		
January .	·463	·513	·413	·100	·596	1st	·271	19th	·325
February .	·533	·581	·484	·097	·748	16th	·307	28th	·441
March .	·443	·493	·393	·100	·591	3rd	·267	28th	·324
April .	Imperfect.								
May .	Not recorded.								
June .	·262	·308*	·214*	·094	·386	3rd	·118	14th	·268
July .	·217	·259	·174	·085	·469	17th	·022	15th	·447
August .	·280	·323	·236	·087	·369	7th	·197	21st	·172
September .	·355	·401	·309	·092	·562	30th	·123	15th	·439
October .	·507	·552	·462	·090	·639	16th	·312	13th	·327
November .	·569	·612	·526	·086	·672	26th	·436	1st	·236
December .	·572	·621	·522	·099	·665	31st	·435	21st	·230
Year . .	?	?	?	?	·748	...	·022	...	·726

63. HOSHANGABAD.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January .	·901	·967	·834	·133	1·062	15th	·673	19th	·389
February .	·969	1·036	·901	·135	1·197	15th&16th	·651	28th	·546
March .	·831	·901	·760	·141	·993	7th	·612	28th	·381
April .	·774	·841	·706	·135	·950	3rd	·597	29th	·353
May .	·651	·719	·582	·137	·825	5th	·480	27th	·345
June .	·585	·645	·524	·121	·733	24th	·420	6th	·313
July .	·570	·612	·527	·085	·775	18th	·357	15th	·418
August .	·644	·691	·597	·094	·756	7th	·553	4th	·203
September .	·717	·771	·663	·108	·932	30th	·476	15th	·456
October .	·860	·917	·802	·115	1·047	16th	·708	10th	·339
November .	·998	1·057	·939	·118	1·151	23rd	·832	1st	·319
December .	1·026	1·085	·967	·118	1·133	27th	·880	21st	·253
Year . .	·794	·854	·734	·120	1·197	...	·357	...	·840

* Mean of 29 days.

TABLE VII.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1887.

64. KHANDWA.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January	·871	·942	·800	·142	1·029	15th	·657	27th	·372
February	·928	1·005	·851	·154	1·149	15th	·640	28th	·509
March	·797	·872	·722	·150	·963	3rd & 7th	·584	28th	·379
April	·738	·808	·667	·141	·904	3rd	·557	28th	·347
May	648	·719	·576	·143	·817	5th	·488	27th	·329
June	·574	·638	·510	·128	·729	3rd	·400	7th	·329
July	·559	·603	·514	·089	·747	17th	·391	8th	·356
August	·631	·682	·579	·103	·742	7th	·518	18th	·224
September	·696	·750	·641	·109	·914	30th	·476	11th	·438
October	·836	·897	·775	·122	·978	21st	·580	12th	·398
November	·924	·986	·862	·124	1·082	26th	·758	1st	·324
December	·945	1·007	·882*	·125	1·068	18th	·808	21st	·260
Year	·762	·826	·698	·128	1·149	...	·391	...	·758

* Mean of 29 days.

65. CHANDA.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	29+	28+		29+		28+		
January	1·293	·363	1·223	·140	·439	1st	1·086	19th	·353
February	1·335	·406	1·263	·143	·562	16th	1·023	28th	·539
March	1·186	·257	1·115	·142	·346	3rd	·993	28th	·353
April	1·135	·205	1·065	·140	·333	3rd	·929	28th & 29th	·404
May	·999	·070†	·927†	·143	·162	5th	·842	26th	·320
June	Untrustworthy.								
July	Ditto.								
August	1·059	·113	1·005	·108	·208	7th	·918	18th	·290
September	1·107	·162	1·052	·110	·312	30th	·843	12th	·469
October	1·263	·322	1·204	·118	·429	16th	1·046	13th	·383
November	1·355	·417	1·292	·125	·513	26th	1·150	1st	·363
December	1·404	·465‡	1·343‡	·122	·515	17th	1·231	21st	·284
Year	?	?	?	?	·562	...	?	...	?

† Mean of 30 days. ‡ Mean of 28 days.

66. SIRONCHA.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	Observatory temporarily closed.								
February									
March									
April	·387	·473*	·300*	·173	·557	10th	·206	29th	·351
May	·257	·332	·181	·151	·448	5th	·085	26th	·363
June	·237	·298	·176	·122	·363	24th	·067	7th	·296
July	·252	·300	·203	·097	·440	7th	·127	13th	·313
August	·295	·355	·234	·121	·440	7th	·134	18th	·306
September	·347	·410	·283	·127	·562	29th	·084	11th	·478
October	·493	·561	·425	·136	·663	16th	·308	13th	·355
November	·580	·651	·509	·142	·766	27th	·373	2nd	·393
December	·634	·708	·559	·149	·759	14th	·494	21st	·265
Year	?	?	?	?	?	...	·067	...	?

* Mean of 22 days.

67. CHIKALDA.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	26+	26+	26+		26+		25+		
January	·341	·392	·289	·103	·470	1st	1·170	19th	·300
February	·404	·458	·350	·108	·625	16th	1·230	28th	·395
March	·313	·364	·262	·102	·462	3rd	1·148	28th	·314
April	·294	·347	·240	·107	·416	3rd & 6th	1·159	29th	·257
May	·202	·250	·154	·096	·324	5th	1·078	26th	·246
June	·117	·160	·073	·087	·239	3rd	·978	7th	·261
July	·083	·115	·050	·065	·259	17th	·904	14th	·355
August	·148	·185	·110	·075	·241	7th	1·049	18th	·192
September	·216	·257	·174	·083	·403	29th	·989	15th	·414
October	·359	·405	·312	·093	·513	16th	1·139	13th	·374
November	·424	·471	·376	·095	·539	23rd	1·270	1st	·269
December	·431	·480	·382	·098	·523	17th	1·311	21st	·212
Year	·278	·324	·231	·093	·625	...	·904	...	·721

68. BULDANA.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading	Date.	Absolute range.
	27+	27+	27+		27+		27+		
January	·785	·846	·723	·123	·901	1st	·600	19th	·301
February	·836	·897	·775	·122	1·046	16th	·586	28th	·460
March	·720	·781	·659	·122	·868	3rd	·543	28th	·325
April	·680	·742	·618	·124	·831	3rd	·529	29th	·302
May	·602	·658	·546	·112	·747	5th	·462	26th	·285
June	·530	·582	·477	·105	·663	24th	·344	7th	·319
July	·526	·564	·488	·076	·689	18th	·386	14th	·303
August	·581	·625	·538	·087	·683	7th	·480	18th	·203
September	·645	·691	·598	·093	·816	29th	·428	11th	·388
October	·765	·814	·715	·099	·910	16th	·568	13th	·342
November	·846	·895	·797	·098	·977	23rd	·678	1st	·299
December	·865	·916	·813	·103	·947	4th	·733	21st	·214
Year	·698	·751	·646	·105	1·046	...	·344	...	·702

69. AKOLA.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January	·987	1·063	·911	·152	1·135	1st	·759	19th	·376
February	1·038	1·117	·958	·159	1·262	15th	·779	28th	·483
March	·897	·972	·821	·151	1·075	7th	·695	28th	·380
April	·839	·918	·760	·158	1·038	3rd	·632	28th	·406
May	·746	·819	·672	·147	·915	5th	·575	26th	·340
June	·691	·758	·623	·135	·846	24th	·486	7th	·360
July	·690	·742	·638	·104	·886	17th	·536	15th	·350
August	·756	·813	·698	·115	·885	7th	·637	18th	·248
September	·821	·881	·760	·121	1·024	29th	·576	11th	·448
October	·960	1·023	·896	·127	1·112	25th	·720	13th	·392
November	1·057	1·121	·993	·128	1·227	26th	·891	2nd	·336
December	1·091	1·155	1·027	·128	1·205	18th	·957	21st	·248
Year	·881	·949	·813	·135	1·262	...	·486	...	·776

70. AMRAOTI.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January	·694	·764	·623	·141	·834	1st	·471	19th	·363
February	·744	·816	·672	·144	·966	16th	·489	28th	·477
March	·604	·675	·533	·142	·766	7th	·413	28th	·353
April	·566	·635*	·497†	·138	·760	3rd	·405	22nd	·355
May	?	·514‡	Imperfect.		·611	5th	?	...	?
June	·394	·454	·334	·120	·536	24th	·223	7th	·313
July	·393	·437	·349	·088	·592	17th	·253	12th	·339
August	·459	·506	·411	·095	·583	7th	·330	18th	·253
September	·525	·580	·470	·110	·725	30th	·286	11th	·439
October	·674	·733	·615	·118	·843	16th	·447	13th	·396
November	·766	·827	·705	·122	·919	26th	·589	1st	·330
December	·800	·863	·736	·127	·896	27th	·674	21st	·222
Year	?	·650	?	?	·966	...	?	...	?

71. NEEMUCH.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	27+	27+	27+		28+		27+		
January	1·261	1·318§	1·204‖	·114	·396	15th	1·119	25th	·277
February	Imperfect.								
March	1·209	1·269	1·149	·120	·368	18th	·987	28th	·381
April	Imperfect.								
May	1·056	1·106¶	1·005**(	·101	·190	17th	·922	26th	·268
June	·973	1·023	·923	·100	·113	4th	·822	17th	·291
July	·943	·978	·908	·070	·121	18th	·781	15th	·340
August	1·024	1·064*	·983*	·081	·128	17th	·914	11th	·214
September	Not recorded.								
October	Ditto.								
November	1·379	1·429§	1·329§	·100	·517	23rd	1·223	7th	·294
December	1·382	1·431	1·333	·098	·499	31st	1·253	21st	·246
Year	?	?	?	?	?	...	?	...	?

† Mean of 25 days.
‡ „ „ 28 „
* Mean of 27 days.
§ Mean of 26 days.
‖ „ „ 24 „
¶ Mean of 22 days.
** „ „ 21 „

72. NOWGONG.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January	1·187	1·244	1·129	·115	1·347	16th	·939	19th	·408
February	1·238	1·298	1·177	·121	1·493	16th	·898	28th	·605
March	1·082	1·141	1·023	·118	1·271	18th	·818	28th	·453
April	1·017	1·075	·959	·116	1·220	2nd	·777	29th	·443
May	·853	·912	·794	·118	1·071	5th	·654	3rd	·417
June	·777	·833	·721	·112	·935	24th	·627	11th	·308
July	·774	·814	·733	·081	·998	17th	·545	12th	·453
August	·852	·895	·809	·086	·984	17th	·720	24th	·264
September	·950	·998	·902	·096	1·152	29th	·706	15th	·446
October	1·153	1·205	1·100	·105	1·295	27th	·988	6th	·307
November	1·278	1·331	1·225	·106	1·418	23rd	1·093	2nd	·325
December	1·305	1·361	1·249	·112	1·428	26th	1·176	21st	·252
Year	1·039	1·092	·985	·107	1·493	...	·545	...	·948

73. SUTNA.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January	·897	·953	·840	·113	1·051	16th	·650	19th	·401
February	·947	1·008	·886	·122	1·201	16th	·603	28th	·598
March	·795	·854	·736	·118	·980	18th	·557	28th	·423
April	·734	·796	·672	·124	·935	2nd	·497	29th	·438
May	·577	·635	·519	·116	·810	5th	·404	3rd	·406
June	·503	·559	·447	·112	·643	22nd & 24th.	·353	11th	·290
July	·487	·531	·443	·088	·704	17th	·268	11th & 12th.	·436
August	·572	·618	·525	·093	·701	17th	·430	23rd	·271
September	·662	·710	·614	·096	·860	30th	·439	15th	·421
October	·864	·914	·813	·101	1·011	21st	·694	5th	·317
November	·986	1·037	·934	·103	1·127	23rd	·841	1st	·286
December	1·018	1·075	·961	·114	1·137	27th & 28th.	·883	21st	·254
Year	·754	·808	·699	·108	1·201	...	·268	...	·933

74. INDORE.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	27+	27+	27+		27+		27+		
January	1·083	1·139	1·026	·113	1·239	15th	·888	19th	·351
February	1·149	1·211	1·087	·124	1·377	16th	·877	28th	·500
March	1·024	1·085	·963	·122	1·186	3rd	·822	28th	·364
April	·970	1·032	·907	·125	1·125	2nd	·783	29th	·342
May	·870	·931	·809	·122	1·062	5th	·711	26th & 27th.	·351
June	·783	·838	·727	·111	·923	24th	·603	7th	·320
July	·764	·803	·724	·079	·950	18th	·589	15th	·361
August	837	·880	·794	·086	937	7th	·742	19th	·195
September	·921	·968	·873	·095	1·112	29th	·699	11th	·413
October	1·068	1·119	1·016	·103	1·218	16th	·872	11th	·346
November	1·160	1·211	1·109	·102	1·301	23rd	1·018	1st	·283
December	1·165	1·222	1·108	·114	1·282	31st	1·017	21st	·265
Year	·983	1·037	·929	·108	1·377	...	·589	...	·788

75. BICKANEER.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January	1·227	1·279	1·174	·105	1·469	15th	·986	24th & 28th.	·483
February	1·269	1·327	1·211	·116	1·580	16th	·913	28th	·667
March	1·083	1·137	1·028	·109	1·258	18th	·801	28th	·457
April	1·002	1·057	·947	·110	1·207	2nd	·741	29th	·466
May	·817	·871	·762	·109	·994	5th	·667	3rd	·327
June	·763	·817	·709	·108	·932	22nd	·617	7th	·315
July	·746	·794	·698	·096	·912	17th	·536	11th	·376
August	·833	·884	·782	·102	1·013	31st	·709	9th	·304
September	·939	·994	·883	·111	1·148	27th	·743	11th	·405
October	1·120	1·172	1·068	·104	1·306	21st	·948	11th	·358
November	1·240	1·289	1·191	·098	1·385	23rd	1·053	1st	·332
December	1·280	1·329	1·231	·098	1·477	31st	1·095	21st	·382
Year	1·027	1·079	·974	·106	1·580	...	·536	...	1·044

76. JEYPORE.

Month.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date and hour.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+	28+	28+		28+		27+		
January .	·490	·462	·550	·447	·500	·103	·679	15th, 10h.	1·312	28th	·367
February .	·550	·521	·613	·504	·560	·109	·823	16th, „	1·208	28th	·615
March .	·404	·374	·464	·357	·420	·107	·594	18th, „	1·121	28th	·473
April .	·359	·342	·420	·304	·370	·116	·539	2nd, „	1·111	29th	·428
May . .	·209	·199	·269	·158	·209	·111	·419	5th, „	1·068	2nd	·351
June . .	·137	·133	·188	·081	·147	·107	·287	24th, „	·983	17th	·304
July . .	·117	·102	·159	·076	·129	·083	·290	17th, „	·967	11th	·323
August .	·191	·173*	236	·147	·209	·089	·343	17th, „	1·078	3rd	·265
September .	·302	·282	351	258	·318	·093	·526	27th, 22h.	1·091	11th	·435
October .	·479	·459	·534	·432	·489	·102	·639	21st, 10h.	1·333	11th	·306
November .	·591	·566	·648	·549	·600	·099	·746	23rd, „	1·460	1st	·286
December .	·607	·581	·667	·564	·617	·103	·761	31st, „	1·474	21st	·287
Year . .	·370	·350	·425	·323	·381	·102	·823	...	·967	...	·856

77. SAMBHAR.

Mean.	10 hours.	16 hours.	Range	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+	
·537	·664	·721	·616	·105	·871	15th	·458	24th	·413
·590	·728	·783	·677	·106	1·002	16th	·389	28th	·613
·490	·570	·627	·523	·104	·760	18th	·295	28th	·465
·100	·528	·588	·480	·108	·712	2nd	·284	29th	·428
·112	·377	·437	·325	·112	·585	5th	·225	3rd	·360
·105	·307	·354	·249	·105	·453	24th	·152	7th	·301
·078	·276	·319	·241	·078	·443	18th	·125	12th	·318
·093	·348	·396	·303	·093	·486	17th	·225	14th	·261
·090	·463	·513	·423	·090	·655	30th	·268	15th	·387
·097	·644	·694	·597	·097	·810	21st	·493	3rd	·317
·101	·766	·815	·714	·101	·914	23rd	·622	1st	·292
·104	·778	·832	·728	·104	·943	31st	·628	21st	·315
·100	·537	·590	·490	·100	1·002	...	·125	...	·877

* Mean of 30 days.

78. AJMERE.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	27+	27+	27+		28+		27+		
January .	1·318	1·375	1·270	·105	·509	15th	1·126	24th	·383
February .	1·384	1·441	1·330	·111	·664	16th	1·055	28th	·609
March .	1·244	1·301	1·197	·104	·446	19th	·978	28th	·468
April . .	1·192	1·250	1·146	·104	·377	2nd	·972	29th	·405
May . .	1·059	1·113	1·013	·100	·258	5th	·913	2nd	·345
June . .	·987	1·028	·935	·093	·121	24th	·836	7th	·285
July . .	·950	·990	·917	·073	·119	18th	·682	11th	·437
August .	1·026	1·067	·988	·079	·146	17th	·938	11th	·208
September .	1·137	1·183	1·099	·084	·324	27th	·941	15th	·383
October .	1·305	1·356	1·258	·098	·456	21st	1·158	11th	·298
November .	1·416	1·463	1·367	·096	·559	23rd	1·224	2nd	·335
December .	1·428	1·480	1·380	·100	·579	31st	1·273	21st	·306
Year . .	1·204	1·254	1·158	·096	·664	...	·682	...	·982

79. MOUNT ABU.

Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
25+	25+	25+		25+		25+		
1·045	1·082	1·008	·074	1·145	15th	·865	19th	·280
1·123	1·166	1·080	·086	1·347	16th	·914	28th	·433
1·040	1·079	1·001	·078	1·154	18th	·877	28th	·277
1·044	1·084	1·003	·081	1·162	2nd	·882	29th	·280
·959	·994	·924	·070	1·098	5th	·834	3rd	·264
·861	·896	·825	·071	·989	24th	·730	16th	·259
·800	·830	·769	·061	·949	18th	·656	16th	·293
·875	·907	·843	·064	·963	31st	·792	2nd	·171
·980	1·014	·946	·068	1·138	27th	·814	15th	·324
1·114	1·151	1·077	·074	1·235	16th	·943	12th	·292
1·170	1·207	1·132	·075	1·298	23rd	1·047	6th	·251
1·165	1·203	1·126	·077	1·261	5th	1·038	21st	·223
1·015	1·051	·978	·073	1·347	...	·656	...	·691

TABLE VII.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1887.

80. PACHPADRA.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	28+		29+		28+		
January	·603	·658	1·548	·110	·807	15th	1·370	24th	·437
February	·653	·711	1·594	·117	·932	16th	1·318	28th	·614
March	Untrustworthy.								
April	Ditto.								
May	Ditto.								
June	Ditto.								
July	Ditto.								
August	Ditto.								
September	Ditto.								
October	Ditto.								
November	Ditto.								
December	Ditto.								
Year	?	?	?	?	?	?	?	?	?

81. JACOBABAD.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		28+		
January	·807	·869	·745	·124	1·035	15th	1·481	24th	·554
February	·826	·891	·760	·131	1·189	15th	1·373	28th	·816
March	·625	·687	·562	·125	·860	17th	1·349	27th	·511
April	·555	·619	·490	·129	·797	1st	1·280	28th	·517
May	·365	·428	·302	·126	·572	1st	1·179	22nd	·393
June*	·259	·321	·196	·125	·432	24th	1·096	20th	·336
July	·219	·277	·160	·117	·414	18th	·988	11th	·426
August	·312	·372	·252	·120	·476	29th	1·115	1st	·361
September	·455	·513	·397	·116	·644	6th	1·256	1st	·388
October	·666	·728	·603	·125	·915	21st	1·464	11th	·451
November	·834	·892	·775	·117	1·015	23rd	1·630	1st	·385
December	·889	·953	·825	·128	1·138	31st	1·728	11th	·410
Year	·568	·629	·506	·124	1·189	...	·988	...	1·201

* Mean of 29 days.

82. HYDERABAD.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·896	·954	·837	·117	1·095	15th	·623	24th	·472
February	·930	·990	·869	·121	1·235	15th	·518	28th	·717
March	·743	·795	·690	·105	·939	17th	·502	28th	·437
April	·666	·718	·614	·104	·885	2nd	·441	29th	·444
May	·513	·558	·468	·090	·681	5th	·356	3rd	·325
June	·402	·452	·352	·100	·608	24th	·271	17th	·337
July	·364	·402	·325	·077	·555	18th	·188	11th	·367
August	·445	·489	·400	·089	·685	31st	·283	2nd	·302
September	Imperfect.								
October	·758	·799	·717	·082	·946	21st	·569	11th	·377
November	·912	·960	·864	·096	1·124	30th	·746	1st	·378
December	·960	1·003	·916	·087	1·141	31st	·808	11th	·333
Year	?	?	?	?	1·235	...	·188	...	1·047

83. KURRACHEE.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·941	1·007	·893	·114	1·130	15th	·764	24th	·366
February	·990	1·054	·938	·116	1·273	16th	·660	28th	·613
March	·821	·875	·778	·097	·983	17th & 18th.	·591	27th	·392
April	·765	·808	·720	·088	·922	1st	·535	29th	·387
May	·648	·685	·602	·083	·814	5th	·463	3rd	·351
June	·504	·539	·465	·074	·649	25th	·370	8th	·279
July	·475	·509	·439	·070	·654	18th	·322	11th	·332
August	·568	·598	·530	·068	·667	17th	·433	2nd	·234
September	·704	·740	·660	·080	·881	28th	·494	11th	·387
October	·860	·903	·809	·094	1·038	21st	·650	12th	·388
November	·973	1·023	·926	·097	1·142	20th	·811	1st	·331
December	1·017	1·076	·964	·112	1·224	31st	·874	20th	·350
Year	·772	·818	·727	·091	1·273	...	·322	...	·951

TABLE VII.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1887.

84. BHUJ.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·571	·633	·509	·124	·721	15th	·403	19th	·318
February	·619	·681	·556	·125	·861	16th	·315	28th	·546
March	·474	·531	·416	·115	·632	3rd	·243	28th	·389
April	·416	·471	·360	·111	·543	1st	·207	29th	·336
May	·322	·366	·278	·088	·488	5th	·179	3rd	309
June	·198	·243	·153	·090	·350	24th	·026	7th	·324
July	·177	·210	·143	·067	·355	18th	·004	6th	·351
August	·259	·299	·218	·081	·368	17th	·171	11th	·197
September	·376	·422	·329	·093	·565	27th	·180	11th	·385
October	·508	·564	·452	·112	·669	16th	·282	12th	·387
November	·605	·659	·551	·108	·758	23rd	·465	6th	·293
December	·638	·695	·580	·115	·797	31st	·496	29th	·301
Year	·430	·481	·379	·102	·861	...	·004	...	·857

85. RAJKOT.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		28+		
January	·523	·585	461	·124	·681	14th	1·344	19th	·337
February	·601	·660*	·542*	118	·776	16th	1 313	28th	·463
March	·445	·506	·384	·122	·617	3rd	1·248	28th	·369
April	·389	·452	·325	·127	·515	6th	1·184	29th	·331
May	·299	·358	·240	·118	·473	5th	1·165	3rd	·308
June	·176	·229	·122	·107	344	24th	·996	7th	·348
July	·165	·205	·125	·080	·328	18th	1 016	6th	·312
August	·248	·290	·206	·084	·349	17th	1·146	11th	·203
September	·355	·410	·299	·111	·556	27th	1·138	11th	·418
October	·470	·531	·408	·123	639	16th	1 229	12th	·410
November	·551	·607	·495	·112	·689	24th & 26th.	1·410	7th	·279
December	·580	·639	·520	·119	·716	31st	1·423	29th	·293
Year	·400	·456	·344	·112	·776	...	·996	...	·780

* Mean of 22 days.

86. DEESA.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading	Date.	Absolute range.
	29+	29+	29+		29+		28+		
January	·460	·536	·412	·124	·650	15th	1·286	19th	·364
February	·514	·594	·459	·135	·770	16th	1·198	28th	·572
March	·377	·450	·315	·135	·554	3rd	1·147	28th	·407
April	·320	·389	·260	·129	·468	2nd	1·093	29th	·375
May	·221	·292	·149	·143	·425	5th	1·039	27th	·386
June	·119	·180	·050	·130	·281	24th	·936	7th	·345
July	·094	·136	·044	·092	·276	18th	·923	11th	·353
August	·180	·227	·133	·094	·312	17th	1·086	11th	·226
September	·278	·339	·224	·115	·496	28th	1·073	15th	·423
October	·426	·489	·370	·119	·574	27th	1·201	12th	·373
November	·527	·593	·473	·120	·707	23rd	1·391	1st	·316
December	·546	·615	·494	·121	·701	31st	1·398	21st	·303
Year	·339	·403	·282	·121	·770	...	·923	...	·847

87. SURAT.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·929	·986	·872	·114	1·069	14th	·790	19th	·279
February	·973	1·036	·909	·127	1·142	15th	·711	28th	·431
March	·857	·919	·794	·125	1·024	3rd	·703	29th	·321
April	·797	·860*	·733*	·127	·960	6th	·637	29th	·323
May	·750	·805	·694	·111	·903	5th	·607	27th	·296
June	·618	·667	·569	·098	·767	24th	·397	6th	·370
July	·617	·656	·579	·077	·801	18th	·475	6th	·326
August	·685	·727	·643	·084	·782	7th	·572	19th	·210
September	·784	·836	·732	·104	·980	29th	·590	15th	·390
October	·867	·925	·809	·116	1·027	16th	·594	11th	·433
November	·944	1·003	·884	·119	1·101	20th	·763	3rd	·338
December	·979	1·039†	·918†	·121	1·097	5th	·854	21st	·243
Year	·817	·872	·761	·110	1·142	...	·397	...	·745

* Mean of 29 days. † Mean of 26 days.

88. MALEGAON.

Month.	Mean	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January	·490	·561	·418	·143	·630	15th	·314	19th	·316
February	·545	·620	·469	·151	·760	16th	·274	28th	·486
March	·425	·495	·355	·140	·593	3rd	·254	28th	·339
April	·380	·451	·309	·142	·532	6th	·220	29th	·312
May	·312	·377	·246	·131	·471	5th	·167	26th	·304
June	·227	·283	·171	·112	·363	24th	·016	6th	·347
July	·228	·263	·194	·069	·393	18th	·099	6th	·294
August	·286	·333	·240	·093	·399	7th	·187	18th	·212
September	·358	·413	·302	·111	·558	30th	·148	11th	·410
October	·473	·535	·410	·125	·639	16th	·239	11th	·400
November	·559	·621	·497	·124	·707	23rd	·394	1st	·313
December	·578	·642	·513	·129	·690	5th & 7th	·443	21st	·247
Year	·405	·466	·344	·123	·760	...	·016	...	·744

89. BOMBAY.

Month.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Range.	Highest reading	Date and hour.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+	29+	29+		29+		29+		
January	·910	·909	·978	·858	·931	·120	1·012	27th, 10h.	·798	19th	·214
February	·946	·948	1·017	·889	·969	·128	1·135	16th, ,,	·729	28th	·406
March	·863	·865	·924	·811	·889	·113	1·006	3rd, ,,	·749	20th	·257
April	·812	·827	·875	·748	·835	·127	·958	6th, ,,	·645	22nd	·313
May	·793	·801	·844	·742	·815	·102	·945	5th, ,,	·676	27th	·269
June	·672	·673	·711	·636	·698	·075	·800	25th, ,,	·420	7th	·380
July	·697	·688	·730	·669	·734	·061	·858	17th, 22h	·554	6th	·304
August	·740	·733	·779	·704	·769	·075	·843	25th, 10h.	·637	18th	·206
September	·813	·810	·864	·770	·840	·094	·995	29th, ,,	·626	11th	·369
October	·849	·864	·910	·796	·869	·114	1·012	16th, ,,	·576	11th	·436
November	·914	·924	·974	·863	·940	·111	1·054	23rd, ,,	·767	1st	·287
December	·939	·945	1·003	·884	·963	·119	1·054	17th, ,,	·836	21st	·218
Year	·829	·832	·884	·781	·854	·103	1·135	...	·420	...	·715

90. POONA.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	27+	27+	27+		27+		27+		
January	1·096	1·163	1·027	·136	1·214	23rd	·966	19th	·248
Februray	1·139	1·207	1·068	·139	1·357	16th	·898	28th	·459
March	1·047	1·106	·972	·134	1·191	7th	·915	20th	·276
April	·994	1·057	·915	·142	1·137	6th	·834	30th	·303
May	·967	1·015	·905	·110	1·107	5th	·839	27th	·268
June	·879	·917	·834	·083	·995	24th	·656	7th	·339
July	·889	·919	·857	·062	1·039	18th	·762	6th	·277
August	·927	·968	·889	·079	1·024	25th	·816	18th	·208
September	·990	1·036	·935	·101	1·162	30th	·804	11th	·358
October	1·054	1·114	·989	·125	1·220	16th	·789	12th	·431
November	1·122	1·184	1·058	·126	1·273	26th	·953	1st	·320
December	1·142	1·205	1·074	·131	1·255	5th	1·017	21st	·238
Year	1·021	1·074	·960	·114	1·357	...	·656	...	·701

91. SHOLAPUR.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		27+		
January	·328	·396	·259	·137	·443	1st	1·168	19th	·275
February	·366	·439	·293	·146	·591	16th	1·122	28th	·469
March	·255	·323	·187	·136	·393	3rd	1·108	29th	·285
April	·206	·277	·134	·143	·373	3rd	1·031	29th	·342
May	·175	·249*	·101*	·148	·345	5th	1·050	3rd	·295
June	·109	·166	·051	·115	·232	24th	·933	7th	·299
July	·121	·165	·076	·089	·266	18th	·993	5th	·273
August	·153	·206	·100	·106	·262	25th	1·028	13th	·234
September	·198	·257	·138	·119	·364	29th	1·010	11th	·354
October	·280	·339	·220	·119	·434	17th	1·052	12th	·382
November	·354	·416	·291	·125	·483	26th & 27th	1·176	2nd	·307
December	·383	·451	·315	·136	·497	18th	1·247	21st	·250
Year	·244	·307	·180	·127	·591	...	·933	...	·658

* Mean of 26 days.

92. RATNAGIRI.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·814	·872	·756	·116	·912	12th	·699	18th	·213
February	·855	·915	·795	·120	1·037	16th	·656	28th	·381
March	·783	·836	·729	·107	·915	25th	·675	20th	·240
April	·734	·788	·679	·109	·856	6th	·556	29th	·300
May	·723	·769	·677	·092	·858	5th	·616	27th	·242
June	·640	·673	·606	·067	·747	24th	·407	7th	·340
July	·675	·705	·644	·061	·811	18th	·551	6th	·260
August	·694	·731	·658	·073	·789	25th	·578	18th	·211
September	·750	·793	·706	·087	·896	29th	·574	11th	·322
October	·764	·813	·714	·099	·918	16th & 17th.	·510	10th	·408
November	·816	·869	·763	·106	·938	26th	·667	2nd	·271
December	·838	·894	·782	·112	·946	17th	·725	29th	·221
Year	·757	·805	·709	·096	1·037	...	·407	...	·630

93. BELGAUM.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	27+	27+	27+		27+		27+		
January	·371	·450	·308	·142	·487	1st	·245	19th	·242
February	·417	·490	·350	·140	·630	16th	·216	28th	·414
March	·343	·416	·275	·141	·484	25th	·236	20th	·248
April	·304	·371	·238	·133	·453	6th	·131	29th	·322
May	·287	·346	·233	·113	·448	5th	·167	26th	·281
June	·223	·259	·185	·074	·315	24th	·037	7th	·278
July	·244	·276	·213	·063	·368	18th	·127	1st	·241
August	·261	·300	·223	·077	·360	3rd	·153	18th	·207
September	·310	·353	·255	·098	·464	29th	·135	11th	·329
October	·351	·402	·301	·101	·492	17th	·109	11th	·383
November	·407	·463	·360	·103	·529	23rd	·259	1st	·270
December	·424	·485	·370	·115	·520	7th & 17th.	·325	21st	·195
Year	·329	·384	·276	·108	·630	...	·037	...	·593

94. KARWAR.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·873	·939	·806	·133	·991	12th	·743	19th	·248
February	·912	·984	·839	·145	1·127	16th	·729	1st & 27th	·398
March	·849	·912	·786	·126	·983	25th	·725	22nd	·258
April	·804	·864	·743	·121	·929	6th	·593	29th	·336
May	·804	·853	·754	·099	·959	5th	·706	27th	·253
June	·749	·783	·715	·068	·833	16th	·548	7th	·285
July	·787	·821	·753	·068	·900	17th	·669	1st	·231
August	·791	·830	·753	·077	·902	3rd	·683	19th	·219
September	·837	·883	·790	·093	·979	29th	·690	11th	·289
October	·832	·886	·778	·108	·984	2nd	·543	10th	·441
November	·879	·938	·820	·118	·996	23rd	·702	1st	·294
December	·886	·948	·824	·124	1·008	16th	·773	24th	·235
Year	·834	·887	·780	·107	1·127	...	·543	...	·584

95. GOPALPUR.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·915	·974	·855	·119	1·073	11th	·706	21st	·367
February	·937*	·999	·875	·124	·115	15th	·623	28th	·430
March	·804	·865	·743	·122	·940	9th	·633	29th	·307
April	·771	·828	·714	·114	·933	2nd	·571	22nd	·362
May	·586	·636	·535	·101	·834	5th	·393	26th	·441
June	·537	·582	·492	·090	·683	25th	·294	12th	·389
July	·515	·554	·476	·078	·687	16th	·328	24th	·359
August	·599	·644	·554	·090	·739	25th	·432	20th	·307
September	·661	·708	·614	·094	·872	29th	·394	11th	·478
October	·858	·906	·809	·097	·990	29th	·676	6th	·314
November	·948	1·001	·894	·107	1·077	26th	·778	1st	·299
December	1·000	1·059	·940*	·119	1·146	7th	·860	30th	·286
Year	·761	·813	·708	·105	1·153	...	·294	...	·859

* Mean of 30 days.

TABLE VII.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1887.

96. VIZAGAPATAM.

Month.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range
	29+	29+	29+	29+	29+		29+		29+		
January	·924	·891	·995	·862	·948	·133	1·076	11th	·743	21st, 16h.	·333
February	·951	·914	1·021	·892	·976	·129	1·201	15th	·678	28th, „	·523
March	·833	·791	·901	·777	·864	·124	1·042	8th	·672	29th, „	·370
April	·802	·776	·868	·733	·829	·135	·969	3rd	·592	22nd, „	·377
May	·618	·600	·674	·552	·645	·122	·859	5th	·431	13th, „	·428
June	·587	·571	·628	·532	·617	·096	·723	25th	·345	13th, „	·378
July	·575	·556	·615	·518	·610	·097	·738	16th	·392	25th, „	·346
August	·640	·615	·689	·583	·672	·106	·786	25th	·466	20th, „	·320
September	·690	·667	·738	·626	·729	·112	·896	29th	·409	11th, „	·487
October	·853	·820	·909	·800	·881	·109	·985	15th	·678	6th, „	·307
November	·941	·898	1·003	·889	·972	·114	1·081	26th	·745	1st, 4h	·336
December	·993	·953	1·056	·941	1·022	·115	1·114	31st	·874	20th, 16h.	·240
Year	·784	·754	·841	·725	·814	·116	1·201	...	·345	...	·856

97. RAJAHMUNDRY.

Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
29+	29+	29+		29+		29+		
·836	·902	·770	·132	·977	1st	·656	31st	·321
·864	·935	·793	·142	1·093	15th	·609	28th	·484
·752	·821	·682	·139	·885	9th	·584	28th	·301
·712	·784	·640	·144	·871	6th	·488	22nd	·383
·531	·600	·461	·139	·762	6th	·344	26th	·418
·521	·579	·463	·116	·648	1st	·350	11th	·298
·544	·586	·501	·085	·665	17th	·409	1st & 2nd.	·256
·590	·642	·538	·104	·721	25th	·417	18th	·304
·621	·678	·564	·114	·819	29th	·374	11th	·445
765	·818	·711	·107	·916	16th	·602	6th	·314
·855	·909	·801	·108	·993	26th	·651	1st	·342
·897	·955	·839	·116	1·020	31st	·782	20th	·238
·707	·767	·647	·121	1·093	...	·344	...	·749

98. MASULIPATAM.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range
	29+	29+	29+		29+		29+		
January	Imperfect.								
February	·989	1·059*	·936*	·123	1·202	15th	·732	28th	·470
March	·855	·920	·803	·117	·989	9th	·702	30th	·287
April	·826	·887	·769	·118	·985	6th	·626	22nd	·359
May	·646	·710	·575	·135	·865	6th	·453	26th	·412
June	·644	·695	·574	·121	·780	24th	·458	11th	·322
July	·665	·705	·608	·097	·784	17th	·503	1st	·281
August	·706	·755	·641	·114	·827	25th	·518	18th	·309
September	·730	·786	·663	·123	·922	29th	·485	11th	·437
October	·857	·911	·803	·108	1·029	16th	·797	6th	·322
November	·945	1·002	·896	·106	1·099	20th	·736	1st	·363
December	·991	1·052	·941	·111	1·126	31st	·880	20th	·246
Year	?	?	?	?	?	...	·453	...	?

99. SECUNDERABAD.

Mean.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
27+	27+	27+	27+		28+		27+		
1·121	1·199	1·063	1·146	·142	·268	1st	·982	20th	·286
1·169	1·245	1·112	1·192	·136	·398	16th	·931	28th	·467
1·058	1·129	·999	1·080	·135	·199	3rd	·914	29th	·285
1·035	1·103	·971	1·053	·139	·194	6th	·869	22nd	·325
·941	1·010	·879	·952	·139	·111	5th	·786	26th	·325
·911	·958	·852	·931	·112	·012	24th	·771	7th	·241
·916	·954	·866	·935	·094	·065	17th	·791	5th	·274
·951	·995	·894	·974	·105	·062	25th	·799	18th	·263
·987	1·037	·923	1·021	·120	·174	29th	·731	11th	·443
1·089	1·149	1·027	1·121	·130	·264	16th	·900	12th	·364
1·165	1·226	1·109	1·199	·127	·312	26th	·966	1st	·346
1·194	1·262	1·136	1·227	·135	·305	17th	1·080	21st	·385
1·045	1·106	·986	1·069	·126	·398	...	·731	...	·667

* Mean of 21 days.

TABLE VII.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1887.

100. KURNOOL.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January	·999	1·072	·925	·147	1·141	1st	·853	21st	·288
February	1·027	1·105	·949	·156	1·275	15th	·771	28th	·504
March	·912	·984	·839	·145	1·046	3rd	·767	28th	·279
April	·873	·950	·795	·155	1·063	3rd	·698	22nd	·365
May	·814	·890	·737	·153	·989	5th	·646	26th	·343
June	·783	·845	·721	·124	·902	24th	·631	7th	·271
July	·806	·861	·751	·110	·955	17th	·679	2nd	·276
August	·828	·890	·765	·125	·954	25th	·702	19th	·252
September	·863	·926	·800	·126	1·027	29th	·638	11th	·389
October	·925	·984	·866	·118	1·083	16th	·740	10th	·343
November	1·011	1·068	·954	·114	1·159	20th	·830	1st	·329
December	1·049	1·114	·983	·131	1·165	17th	·934	21st	·231
Year	·908	·974	·840	·134	1·275	...	·631	...	·644

101. BELLARY.

Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
28+	28+	28+		28+		28+		
·442	·519	·365	·154	·570	1st	·285	19th	·285
·477	·555	·398	·157	·709	16th	·233	28th	·476
·377	·455	·298	·157	·515	3rd	·238	28th	·277
·334	·411	·257	·154	·500	6th	·168	22nd	·332
·298	·376	·219	·157	·445	5th	·133	26th	·312
·261	·318	·203	·115	·371	24th	·127	7th	·244
·287	·335	·238	·097	·421	17th	·156	1st	·265
·296	·361	·231	·130	·422	24th	·163	18th	·259
·338	·404	·271	·133	·512	29th	·135	11th	·377
·400	·466	·334	·132	·576	17th	·190	10th	·386
·471	·535	·406	·129	·600	23rd & 26th.	·289	1st	·320
·497	·566	·428	·138	·616	31st	·371	21st	·245
·373	·442	·304	·138	·709	...	·127	...	·582

102. MANGALORE.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·892	·957	·827	·130	1·009	12th	·777	18th	·232
February	·935	1·004	·865	·139	1·118	15th	·755	1st	·363
March	·880	·940	·819	·121	·997	3rd	·763	16th	·234
April	·836	·893	·779	·114	·953	6th	·687	29th	·266
May	·842	·888	·796	·092	·979	5th	·748	17th	·231
June	·814	·852	·775	·077	·910	16th	·667	7th	·243
July	·853	·885	·820	·065	·984	9th	·741	1st	·243
August	·840	·879	·800	·079	·956	3rd	·743	18th	·213
September	·886	·932	·840	·092	1·006	29th	·756	12th	·250
October	·873	·926	·819	·107	1·037	16th	·681	10th	·356
November	·903	·958	·848	·110	1·006	20th	·753	1st	·253
December	·899	·956	·841	·115	1·013	31st	·793	24th & 26th.	·220
Year	·871	·923	·819	·103	1·118	...	·667	...	·451

103.(A) MERCARA.

Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
26+	26+	26+		26+		26+		
·276	·327*	·225*	·102	·369	12th	·176	19th	·193
Imperfect.								
·266	·318	·214	·104	·376	25th	·170	22nd	·206
·244	·292	·195	·097	·352	6th	·150	22nd	·202
·238	·276	·200	·076	·369	5th	·159	26th	·210
Discontinued.								

* Mean of 26 days.

103 (B). MERCARA (CIVIL DISPENSARY).

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	26+	26+	26+		26+		26+		
January	·220	·272	·167	·105	·315	11th	·126	22nd	·189
February	·256	·312	·199	·113	·420	12th	·079	1st	·341
March	·210	·262	·158	·104	·334	24th	·118	20th	·216
April	·183	·235	·130	·105	·295	6th	·073	29th	·222
May	·181	·222	·140	·082	·313	5th	·092	28th	·221
June	·135	·169	·101	·068	·227	16th	·041	7th	·186
July	·149	·179	·118	·061	·243	9th	·060	25th	·183
August	·141	·178	·104	·074	·223	2nd	·033	18th	·190
September	·177	·220	·133	·087	·302	30th	·046	12th	·256
October	·187	·232	·142	·090	·322	17th	·023	9th	·299
November	·223	·267	·178	·089	·316	20th	·097	1st	·219
December	·218	·264	·171	·093	·321	31st	·122	20th & 21st.	·199
Year	·190	·234	·145	·089	·420	...	·023	...	·397

104. MADRAS.

MONTH.	Mean.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date and hour.	Absolute range.
	29+	29+	29+			29+		29+		
January	·932	·998	·871	·970	·133	1·066	12th	·784	21st, 16h.	·282
February	·972	1·042	·910	1·007	·135	1·194	15th	·737	28th, „	·457
March	·864	·930	·798	·902	·137	1·019	3rd	·688	28th, „	·331
April	·832	·888	·763	·867	·132	·992	6th	·635	22nd, „	·357
May	·713	·765	·643	·749	·129	·873	5th & 8th.	·546	25th, „	·327
June	·707	·756	·635	·739	·129	·815	16th	·575	6th, „	·240
July	·731	·778	·659	·764	·126	·855	8th	·593	25th, „	·262
August	·750	·797	·678	·787	·124	·874	25th	·574	18th, „	·300
September	·771	·824	·702	·808	·128	·931	30th	·524	11th, „	·407
October	·846	·901	·781	·884	·129	1·013	16th	·480	9th, 5h.	·533
November	·930	·980	·873	·974	·116	1·068	20th	·704	1st, 16h.	·364
December	·959	1·012	·904	·999	·115	1·112	31st	·833	20th, „	·279
Year	·834	·889	·768	·871	·128	1·194	...	·480	...	·714

105. SALEM.

MONTH.	Mean.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+	28+		28+		28+		
January	·997	1·085	·924	1·037	·168	1·160	7th	·840	22nd	·320
February	1·039	1·127	·965	1·078	·165	1·287	15th	·846	1st	·441
March	·950	1·036	·873	·984	·168	1·108	3rd	·787	30th	·321
April	·919	·997	·837	·949	·169	1·085	6th	·741	22nd	·344
May	·870	·948	·785	·899	·172	1·017	5th	·740	22nd	·277
June	·846	·919	·761	·871	·167	·963	17th	·717	8th	·246
July	·869	·941	·784	·895	·167	·992	9th	·717	2nd	·275
August	·868	·941	·786	·895	·162	1·005	3rd	·708	19th	·297
September	·903	·979	·823	·933	·164	1·072	30th	·727	11th	·345
October	·942	1·021	·870	·973	·162	1·100	17th	·741	9th	·359
November	988	1·076	·918	1·024	·171	1·137	27th	·803	1st	·334
December	1·010	1·098	·941	1·046	·166	1·174	31st	·891	21st	·283
Year	·933	1·014	·856	·965	·167	1·287	...	·708	...	·579

106. WELLINGTON.

MONTH.	Mean.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date and hour.	Lowest reading.	Date.	Absolute range.
	24+	24+	24+	24+		24+		24+		
January	·251	·283	·213	·281	·074	·325	9th, 22h.	·170	19th	·155
February	·295	·328	·256	·324	·074	·439	15th, 10h.	·152	1st	·287
March	·265	·297	·226	·289	·073	·345	25th, „	·182	28th	·163
April	·247	·278	·204	·273	·079	·327	6th, 22h.	·115	29th	·212
May	·223	·250	·183	·248	·071	·326	5th, 10h.	·139	27th	·187
June	·177	·198	·143	·195	·059	·253	15th, 22h.	·069	7th	·184
July	·196	·214	·159	·219	·057	·273	9th, „	·101	1st	·172
August	·189	·210	·149	·215	·064	·262	7th, & 25th, 22h.	·099	14th	·163
September	·214	·242	·169	·243	·077	·328	28th, „	·062	11th	·266
October	·234	·269	·190	·263	·085	·353	16th, 10h.	·063	9th	·290
November	·263	·297	·226	·292	·077	·342	20th, „	·137	1st	·205
December	·255	·289	·216	·286	·079	·360	31st, „	·158	20th	·202
Year	·234	·263	·195	·261	·072	·439	...	·062	...	·377

107. CALICUT.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·880	·950	·810	·140	1·006	12th	·759	18th	·247
February	·927	·994	·860	·134	1·106	15th	·760	28th	·346
March	·870	·933	·807	·126	1·001	3rd	·736	22nd	·265
April	·828	·889	·766	·123	·949	6th	·678	29th	·271
May	·830	·877	·783	·094	·929	8th	·728	27th	·201
June	·826	·863	·789	·074	·948	15th	·728	28th	·220
July	·861	·899	·823	·076	·996	9th	·760	1st	·236
August	·835	·877	·793	·084	·950	3rd	·719	18th	·231
September	·873	·924	·821	·103	·996	29th	·726	12th	·270
October	·865	·923	·807	·116	1·021	16th	·723	30th & 31st	·298
November	·884	·944	·824	·120	·986	27th	·746	1st	·240
December	·878	·943*	·813†	·130	·977	1st	·768	20th	·209
Year	·863	·918	·808	·110	1·106	...	·678	...	·428

108. COIMBATORE.

Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading	Date.	Absolute range.
28+	28+	28+		28+		28+		
·547	·635	·473	·162	·691	11th	·399	22nd	·292
·599	·690	·525	·165	·852	15th	·375	1st	·477
·528	·609	·455	·154	·684	3rd	·388	28th	·296
·480	·555	·399	·156	·646	6th	·310	22nd	·336
·449	·500	·380	·120	·609	5th	·328	8th	·281
·447	·479	·393	·086	·542	16th	·335	7th	·207
·472	·505	·417	·088	·615	9th	·348	1st	·267
·453	·498	·386	·112	·555	3rd	·317	18th	·238
·489	·540	·421	·119	·622	29th	·348	12th	·274
·541	·598	·471	·127	·701	16th	·363	9th	·338
·582	·644	·519	·125	·698	26th	·405	1st	·293
·599	·662	·540	·122	·752	31st	·480	20th	·272
·516	·576	·448	·128	·852	...	·310	...	·542

* Mean of 27 days.
† „ „ 20 „

109. TRICHINOPOLY.

Month.	Mean.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date and hour.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+	29+		29+		29+		
January	·674	·751	·598	·726	·160	·815	11th, 10h.	·528	22nd	·287
February	·711	·796	·633	·754	·166	·949	15th „	·485	28th	·464
March	·619	·699	·543	·657	·162	·776	3rd „	·444	27th	·332
April	·588	·658	·504	·628	·163	·754	6th „	·400	22nd	·354
May	·527	·582	·447	·572	·143	·674	5th „	·378	26th	·296
June	·526	·573	·452	·563	·128	·636	15th, 22h.	·409	27th	·236
July	·548	·592	·479	·582	·119	·669	9th, 10h.	·407	1st	·262
August	·536	·590	·458	·575	·137	·653	8th „	·388	18th	·265
September	·572	·629	·495	·615	·140	·730	30th „	·410	11th	·320
October	·615	·675	·546	·656	·138	·777	16th „	·443	9th	·334
November	·676	·733	·619	·714	·123	·795	27th „	·468	1st	·327
December	·699	·751	·649	·733	·108	·849	31st „	·583	20th	·266
Year	·608	·669	·535	·648	·141	·949	...	·378	...	·571

110. NEGAPATAM.

Mean.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date	Lowest reading.	Date.	Absolute range.
29+	29+	29+	29+		29+		29+		
·920	·981	·867	·952	·119	1·049	11th	·797	22nd	·252
·966	1·032	·912	·993	·122	1·191	15th	·769	28th	·422
·874	·941	·815	·900	·131	1·025	3rd	·717	28th	·308
·834	·888	·775	·861	·119	·969	6th	·688	22nd	·281
·762	·813	·700	·789	·120	·892	5th	·648	13th	·244
·760	·804	·694	·790	·117	·874	16th	·647	7th	·227
·778	·823	·714	·805	·115	·911	9th	·641	1st	·270
·780	·831	·715	·807	·121	·890	25th	·640	18th	·250
·806	·868	·742	·829	·132	·957	28th and 30th.	·627	11th	·330
·853	·912	·791	·887	·130	1·030	16th	·686	9th	·344
·910	·971	·857	·941	·124	1·028	20th and 27th.	·738	1st	·290
·915	·974	·865	·944	·115	1·073	31st	·788	20th	·285
·847	·903	·787	·875	·122	1·191	...	·627	...	·564

TABLE VII.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1887.

111. COCHIN.

MONTH.	Mean.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date and hour.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+	29+		29+		29+		
January	·878	·952	·815	·915	·143	1·011	11th, 10h.	·746	18th	·265
February	·929	1·005	·855	·974	·154	1·122	12th, and 15th, 10h.	·743	1st	·379
March	·882	·949	·815	·917	·139	1·023	3rd, „	·750	20th and 21st	·273
April	·850	·903	·780	·890	·126	·967	6th, „	·711	29th	·256
May	·859	·899	·800	·892	·105	·972	5th, „	·750	28th	·222
June	·865	·900	812	·889	·093	·955	15th, 22h.	·745	27th	·210
July	·899	·930	·848	·925	·087	1·045	9th, 10h.	·782	25th	·263
August	·867	·904	·811	·897	·097	·976	8th, „	·746	18th	·230
September	·913	·959	·853	·946	·111	1·026	28th, and 29th, 22h.	·786	12th	·240
October	·888	·943	·823	·927	·129	1·054	17th, 10h.	·744	31st	·310
November	·907	·966	·848	·948	·128	1·022	20th, „	·779	10th	·243
December	·889	·949	·830	·929	·126	1·023	31st, „	·770	26th	·241
Year	·886	·938	·824	·921	·120	1·122	...	·711	...	·411

112. COLOMBO.

MONTH.	Mean.	9-30 hours.	3-30 hours.	Range.	Highest reading.	Date.	Lowest reading	Date.	Absolute range
	29+	29+	29+		29+		29+		
January	·839	·905	·773	·132	·981	11th	·697	18th	·284
February	·892	·959	·824	·135	1·063	...	·726	1st	·337
March	·855	·918	·791	·127	·988	3rd	·724	21st	·264
April	·821	·883	·758	·125	·936	6th	·691	22nd	·245
May	·836	·883	·788	·095	·960	5th	·750	26th	·210
June	·829	·872	·785	·087	·935	16th	·733	27th	·202
July	·855	·896	·813	·083	·945	15th	·741	1st	·204
August	·828	·875	·781	·094	·956	7th	·729	18th	·227
September	·868	·922	·813	·109	·997	29th	·774	...	·223
October	·861	·918	·803	·115	1·011	16th	·737	30th	·274
November	·874	·932	·816	·116	·992	20th	·752	9th	·240
December	·849	·911	·786	·125	1·009	31st	·716	21st	·293
Year	·851	·906	·794	·112	1·063	...	·691	...	·372

113. JAFFNA.

MONTH.	Mean.	9-30 hours.	3-30 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·911	·970	·852	·118	1·038	11th.	·775	22nd	·263
February	·955	1·018	·892	·126	1·168	15th	·766	1st	·402
March	·875	·945	·805	·140	1·023	3rd	·737	30th	·286
April	·830	·893	·767	·126	·959	6th	·677	22nd	·282
May	·787	·838	·735	·103	·911	5th	·691	...	·220
June	·776	·826	·725	·101	·908	16th	·672	7th	·236
July	·799	·851	·748	·103	·925	9th	·681	25th	·244
August	·792	·846	·738	·108	·906	7th	·676	21st	·230
September	·824	·886	·761	·125	·978	29th	·649	11th	·329
October	·856	·916	·795	·121	1·027	16th	·707	9th	·320
November	·909	·964	·853	·111	1·023	27th	·742	1st	·281
December	·905	·961	·848	·113	1·079	31st	·758	20th	·321
Year	·852	·910	·793	·116	1·168	...	·649	...	·519

114. TRINCOMALEE.

MONTH.	Mean.	9-30 hours.	3-30 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·834	·890	·778	·112	·945	11th	·715	22nd	·230
February	·881	·938	·823	·115	1·073	15th	·701	1st	·372
March	·810	·875	·745	·130	·957	3rd	·650	28th	·307
April	·761	·824	·698	·126	·904	6th	·615	22nd	·289
May	·703	·758	·648	·110	·851	5th	·582	13th	·269
June	·699	·751	·647	·104	·827	16th	·600	7th	·227
July	·722	·774	·669	·105	·848	9th	·595	1st	·253
August	·710	·765	·655	·110	·835	7th	·582	18th	·253
September	·740	·801	·678	·123	·889	30th	·589	11th	·300
October	·778	·837	·719	·118	·957	16th	·644	9th	·313
November	·826	·886	·766	·120	·946	26th	·666	1st	·280
December	·819	·875	·763	·112	·995	31st	·666	20th	·329
Year	·774	·831	·716	·115	1·073	...	·582	...	·491

115. BATTICALOA.

Month.	Mean.	9-30 hours.	3-30 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·874	·917	·831	·086	·989	11th	·762	22nd	·227
February	·914	·956	·871	·085	1·071	15th	·752	1st	·319
March	·864	·912	·816	·096	·974	3rd	·746	30th	·228
April	·823	·867	·778	·089	·920	26th	·709	29th	·211
May	·783	·827	·738	·089	·894	8th	·688	26th	·206
June	·782	·824	·740	·084	·888	16th	·700	7th	·188
July	·794	·836	·751	·085	·896	9th	·685	2nd	·211
August	·794	·838	·749	·089	·913	8th	·694	19th	·219
September	·810	·856	·763	·093	·924	29th	·695	10th	·229
October	·838	·883	·792	·091	·976	16th	·722	31st	·254
November	·887	·933	·841	·092	·981	26th	·755	1st	·226
December	·870	·913	·826	·087	1·031	31st	·738	21st	·293
Year	·836	·880	·791	·089	1·071	...	·685	...	·386

116. HAMBANTOTA.

Mean.	9-30 hours	3-30 hours.	Range.	Highest reading.	Date.	Lowest reading	Date.	Absolute range.
29+	29+	29+		29+		29+		
·814	·872	·755	·117	·930	11th	·696	19th	·234
·829	·894	·764	·130	·958	15th	·702	26th	·256
·850	·911	·789	·122	·950	16th	·715	30th	·235
·870	·927	·813	·114	·956	14th	·768	3rd	·188
·862	·919	·804	·115	·961	28th	·753	17th	·208
Not recorded.								
Ditto.								
Ditto.								
Ditto.								
Ditto.								
Ditto.								
Ditto.								
p	p	p	p	p	p	p	p	p

117. GALLE.

Month.	Mean.	9-30 hours.	3-30 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	25+	29+		29+		29+		
January	·828	·884	·771	·113	·939	11th	·713	17th	·226
February	·886	·945	·827	·118	1·051	...	·746	1st	·305
March	·849	·907	·791	·116	·981	3rd	·738	21st	·243
April	·816	·874	·758	·116	·946	26th	·686	22nd	·260
May	·828	·876	·780	·096	·932	5th	·705	23rd	·227
June	·816	·858	·774	·084	·930	15th	·715	7th	·215
July	·844	·886	·801	·085	·940	14th	·749	6th	·191
August	·822	·867	·776	·091	·951	7th	·731	...	·220
September	·851	·902	·800	·102	·986	29th	·759	5th	·227
October	·854	·909	·799	·110	·995	16th	·741	28th	·254
November	·867	·920	·813	·107	·968	12th	·759	1st	·209
December	·831	·883	·779	·104	·989	30th	·686	24th	·303
Year	·841	·893	·789	·104	1·051	...	·686	...	·365

118. KANDY.

Mean.	9-30 hours.	3-30 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
28+	28+	28+		28+		28+		
·187	·241	·132	·109	·308	11th	·076	19th	·232
·228	·284	·171	·113	·393	15th	·063	1st	·330
·184	·244	·124	·120	·311	3rd	·065	21st	·246
·154	·211	·097	·114	·254	11th	·035	9th	·219
·170	·217	·123	·094	·280	5th	·080	17th	·200
·157	·198	·115	·083	·254	16th	·070	28th	·184
·174	·217	·130	·087	·281	9th	·072	1st	·209
·157	·203	·110	·093	·263	7th	·059	20th	·204
·193	·241	·144	·097	·322	28th	·084	12th	·238
·197	·255	·139	·116	·320	16th	·086	30th	·234
·214	·270	·157	·113	·314	12th	·089	6th	·225
·185	·240	·130	·110	·355	31st	·028	20th	·327
·183	·235	·131	·104	·393	...	·028	...	·365

TABLE VII.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1887.

119. NEWERA ELIYA.

Month.	Mean.	9-30 hours.	3-30 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	23+	24+	23+		24+		23+		
January	1·003	·035	·971	·064	·094	11th	·901	20th	·193
February	1·030	·068	·991	·077	·167	16th	·905	1st	·262
March	1·019	·052	·986	·066	·101	6th	·955	22nd	·146
April	1·011	·047	·975	·072	·103	26th	·927	22nd	·176
May	1·011	·045	·976	·069	·101	8th	·935	26th	·166
June	·988	·020	·956	·064	·083	15th	·891	10th	·192
July	·994	·026	·961	·065	·109	11th	·879	...	·230
August	·979	·016	·941	·075	·055	12th	·867	28th	·188
September	·986	·029	·942	·087	·091	18th	·886	...	·205
October	·981	·030	·932	·098	·139	16th	·861	...	·278
November	·992	·030	·953	·077	·111	20th	·878	1st	·233
December	Not recorded.								
Year	?	?	?	?	?	...	·861	...	?

120. BHAMO.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		28+		
January	Untrustworthy.								
February	·407	·458	·355	·103	·627	14th	1·213	28th	·414
March	·337	·389*	·285	·104	·482	13th	1·160	5th	·322
April	·275	·346*	·204	·142	·495	6th	1·016	22nd	·479
May	·171	·217	·125*	·092	·321	5th	1·007	22nd	·314
June	·116	·155	·076	·079	·220	3rd	·974	17th	·246
July	·093	·137	·049	·088	·252	3rd	·893	12th	·359
August	·172	·215	·128	·087	·288	31st	1·018	19th	·270
September	·180	·232*	·128	·104	·348	29th	·966	11th	·382
October	·349	·400	·297	·103	·512	30th	1·152	5th	·360
November	·460	·501*	·418	·083	·577	26th	1·312	10th	·265
December	·497	·547	·447	·100	·609	7th	1·354	20th	·255
Year	?	?	?	?	?	...	·893	...	?

* Mean of 29 days.

121. MANDALAY.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·677	·755	·598	·157	·872	13th	·460	22nd	·412
February	·672	·749	·594	·155	·874	14th	·422	28th	·452
March	·578	·657	·499	·158	·745	12th	·441	27th	·304
April	·515	·605	·425	·180	·740	6th	·289	21st	·451
May	·425	·504	·346	·158	·616	5th	·228	13th	·388
June	·392	·468	·316	·152	·569	25th	·225	17th	·344
July	·395	·462	·327	·135	·623	14th	·164	11th	·459
August	·474	·529	·419	·110	·621	2nd	·324	16th	·297
September	·484	·556	·412	·144	·660	29th	·302	11th	·358
October	·639	·708	·570	·138	·780	27th	·414	3rd	·366
November	·695	·754	·636	·118	·872	27th	·538	12th	·334
December	·750	·819*	·680†	·139	·870	9th	·616	19th	·254
Year	·558	·631	·485	·146	·874	...	·164	...	·710

122 AKYAB.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·934	·997	·878	·119	1·088	12th	·782	22nd	·306
February	·946	1·012	·894	118	1·149	11th	·739	27th	·410
March	·884	·949	·831	·118	1·058	11th	·775	5th	·283
April	·829	·895	·770	·125	·987	25th	649	20th	·338
May	·726	·771	·672	·099	·962	5th	·489	23rd	·473
June	·683	·723	·636	·087	·817	24th	·499	17th	·318
July	·626	·666	·578	·088	·808	15th	·415	12th	·393
August	·730	·773	·678	·095	·846	31st	·529	14th	·317
September	·739	·791‡	·680	·111	·916	2nd	·512	10th	·404
October	·884	·939	·820	·119	1·022	14th	·676	3rd	·346
November	·952	1·001	·898	·103	1·067	20th	·818	10th	·249
December	1·027	1·051	·928	·123	1·117	27th	·842	20th	·275
Year	·827	·881	·772	·109	1·149	...	·415	...	·734

* Mean of 30 days. † Mean of 28 days. ‡ Mean of 29 days.

123. THAYETMYO.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·796	·863	·728	·135	·966	12th	·616	29th	·350
February	·792	·872	·711	·161	1·033	14th	·550	28th	·483
March	·709	·794	·624	·170	·866	8th	·554	31st	·312
April	·666	·751	·580	·171	·898	6th	·463	20th	·435
May	·590	·653	·526	·127	·787	5th	·424	22nd	·363
June	·568	·628	·507	·121	·706	26th	·391	17th	·315
July	·543	·591	·495	·096	·727	14th	·368	12th	·359
August	·611	·670	·552	·118	·737	3rd & 31st	·489	17th	·248
September	·628	·686	·570	·116	·781	30th	·387	10th	·394
October	·757	·823	·691	·132	·899	14th	·549	3rd	·350
November	·818	·886*	·749*	·137	·959	20th	·657	10th	·302
December	·854	·930	·778*	·152	·984	27th	·692	20th	·292
Year	·694	·762	·626	·136	1·033	...	·368	...	·665

124. TOUNGOO.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·728	·793	·663	·130	·881	12th	·567	29th	·314
February	·733	·800	·666	·134	·923	16th	·502	28th	·421
March	·663	·741	·584	·157	·802	9th & 12th	·487	30th	·315
April	·616	·696	·535	·161	·807	25th	·427	20th	·380
May	·546	·609	·482†	·127	·717	5th	·357	14th	·360
June	·539	·594	·484	·110	·678	24th	·382	7th	·296
July	·526	·565	·487	·078	·698	14th	·356	1st	·342
August	·570	·619	·520	·099	·700	2nd	·416	16th	·284
September	·582	·636	·528	·108	·761	29th	·362	10th	·399
October	·693	·754	·631	·123	·818	14th & 30th	·488	5th	·330
November	·749	·803	·694	·109	·868	20th	·617	10th	·251
December	·793	·853	·732	·121	·933	27th	·648	20th	·285
Year	·645	·705	·584	·121	·933	...	·356	...	·577

* Mean of 29 days.

† Mean of 30 days.

125. BASSEIN.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·892	·952	·831	·121	1·032	12th	·746	30th	·286
February	·908	·967	·849	·118	1·088	16th	·712	27th	·376
March	·853	·916	·790	·126	·981	3rd	·724	31st	·257
April	·809	·869	·749	·120	·976	25th	·645	20th	·331
May	·723	·769	·676	·093	·892	5th	·526	22nd	·366
June	·709	·753	·665	·088	·837	3rd	·556	11th	·281
July	·688	·726	·649	·077	·836	14th	·521	1st	·315
August	·747	·794	·699	·095	·880	7th	·627	27th	·253
September	·753	·806	·700	·106	·923	29th	·547	9th	·376
October	·861	·919	·803	·116	1·010	14th	·660	3rd	·350
November	·913	·969	·857	·112	1·022	23rd	·789	13th	·233
December	·940*	·999	·881	·118	1·076	27th	·795	20th	·281
Year	·816	·870	·762	·108	1·088	...	·521	...	·567

126. DIAMOND ISLAND.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·904	·959	·848	·111	1·039	12th	·766	30th	·273
February	·925	·981	·868	·113	1·093	11th	·741	27th	·352
March	·878	·933	·822*	·111	·996	3rd	·758	17th & 18th	·238
April	·833	·888	·778	·110	·986	25th	·676	20th	·310
May	·732	·775	·688	·087	·887	5th	·494	21st	·393
June	·724	·764	·683	·081	·854	14th	·573	11th	·281
July	·705	·739	·671	·068	·848	14th	·548	1st	·300
August	·760	·801	·719	·082	·874	2nd & 7th	644	16th	·230
September	·773	·820	·726	·094	·934	29th	·566	10th	·368
October	·869	·923	·814	·109	1·010	15th	·668	3rd	·342
November	·915	·967	·862	·105	1·023	23rd	·800	13th	·223
December	·942	·997*	·887*	·110	1·082	27th	·808	20th	·274
Year	·830	·879	·781	·098	1·093	...	·494	...	·599

* Mean of 30 days.

TABLE VII.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1887.

127. RANGOON.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·893	·956	·830	·126	1·038	12th	·732	30th	·306
February	·903	·971	·834	·137	1·076	15th	·704	27th	·372
March	·845	·914	·775	·139	·969	9th	·711	17th	·258
April	·824	·879	·769	·110	1·015	6th	·669	21st	·346
May	·743	·797	·688	·109	·898	5th	·567	14th	·331
June	·741	·784	·698	·086	·876	14th	·570	6th	·306
July	·725	·766	·683	·083	·886	14th	·537	1st	·349
August	·771	·819	·723	·096	·897	2nd	·633	15th	·264
September	·770	·825	·714	·111	·927	24th	·563	9th	·364
October	·879	·935	·822	·113	1·014	14th	·685	3rd	·329
November	·921	·983	·859	·124	1·042	21st	·790	10th	·252
December	·946	1·011	·880	·131	1·069	7th	·836	20th	·233
Year	·830	·887	·773	·114	1·076	...	·537	...	·539

128. MOULMEIN.

Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
29+	29+	29+		29+		29+		
·798	·862	·733	·129	·945	12th	·657	30th	·288
·821	·888	·754	·134	1·027	15th	·657	1st	·370
·785	·850	·719	·131	·923	9th	·645	18th	·278
·750	·818*	·682*	·136	·951	25th	·578	29th	·373
Untrustworthy.								
·822	·878	·765	·113	·942	20th	·668	14th	·274
·850	·914	·785	·129	1·015	27th	·717	20th	·298
?	?	?	?	1·027	...	?	...	?

* Mean of 28 days.

129. MERGUI.

Mean	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
29+	29+	29+		29+		29+		
·804	·863	·744	·119	·917	12th	·700	25th	·217
·820	·870	·770	·100	·919	16th	·688	28th	·231
·789	·850	·728	·122	·876	14th	·711	23rd	·165
·791	·844	·738	·106	·865	2nd	·716	8th	·149
·786	·837	·734	·103	·859	15th	·720	30th	·139
·775	·824	·725	·099	·843	28th	·694	5th	·149
·761	·810	·712	·098	·833	4th & 9th	·677	25th	·156
·774	·826	·721	·105	·856	30th	·683	18th	·173
·769	·821	·717	·104	·851	2nd	·682	27th	·169
·787	·841	·732	·109	·854	9th & 18th	·720	20th	·134
·799	·859	·739	·120	·881	29th	·720	5th	·161
·839	·895	·782	·113	·925	28th	·731	5th	·194
·791	·845	·737	·108	·925	...	·677	...	·248

130. COCOS ISLAND.

Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading	Date.	Absolute range.
29+	29+	29+		29+		29+		
Imperfect.								
Untrustworthy.								
Imperfect.								
·791	·839*	·742†	·097	·972	2nd	·672	20th	·300
·679	·714	·643	·071	·812	31st	·422	22nd	·390
·664	·706	·622	·084	·807	25th	·506	11th	·301
·636	·672	·599	·073	·764	8th	·491	18th	·273
·677	·720	·633	·087	·786	2nd	·564	27th	·222
·713	·760	·666	·094	·888	29th	·528	10th	·360
·776	·829	·722§	·107	·920	18th	·584	3rd	·336
·816	·866	·766	·100	·925	27th	·712	14th	·213
·835	·885‡	·784	·101	·954	27th	·789	20th	·245
?	?	?	?	?	...	?	...	?

* Mean of 28 days. ‡ Mean of 30 days.
† „ „ 24 „ § „ „ 29 „

131. PORT BLAIR.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·845	·905	·784	·121	1·036	9th	·662	28th	·374
February	·889	·936	·841	·095	1·070	15th	·715	1st	·365
March	·855	·905	·804	·101	·998	4th	·724	28th	·274
April	·807	·857	·757	·100	·935	2nd	·676	20th	·259
May	·739	·780*	·698	·082	·883	5th	·525	21st	·358
June	·746	·790	·702	·088	·880	24th	·600	30th	·280
July	·739	·772	·706	·066	·849	7th	·583	1st	·266
August	·785	·820	·749	·071	·893	7th	·682	14th	·211
September	·788	·837	·738	·099	·933	30th	·617	10th	·316
October	·837	·883	·790	·093	·945	9th	·652	5th	·293
November	·868	·917	·819	·098	·997	23rd	·738	15th	·259
December	·866	·915	·816	·099	1·019	31st	·713	1st	·306
Year	·814	·860	·767	·093	1.070	...	·525	...	·545

132. NANCOWRY.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·793	·838	·747	·091	·900	15th	·666	31st	·234
February	·831	·883	·778	·105	1·025	15th	·655	1st	·370
March	·801	·857	·745	·112	·957	2nd	·688	29th	·269
April	·807	·853	·760	·093	·909	6th	·652	30th	·257
May	·793	·847	·739	·108	·918	27th	·584	22nd	·334
June	·784	·835	·732	·103	·906	1st	·610	7th	·296
July	·777	·816	·738	·078	·898	9th	·621	1st	·277
August	·783	·823	·743	·080	·892	7th	·674	16th	·218
September	·810	·857	·762	·095	·925	28th	·673	11th	·252
October	·836	·884	·788	·096	·947	16th	·693	6th	·254
November	·845	·892	·798	·094	·961	4th	·732	30th	·220
December	·827	·867	·786	·081	·922	31st	·676	21st	·246
Year	·807	·854	·760	·094	1·025	...	·584	...	·441

* Mean of 30 days.

TABLE VIII.—MONTHLY MEANS OF PRESSURE IN 1887, REDUCED TO THEIR SEA-LEVEL VALUES. (107 STATIONS).

STATIONS	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+
Aden	·985	1·043	·953	·905	·813	·680	·658	·682	·806	·945	1·013	1·037	·877
Bushire	1·065	1·138	1·024	·902	·761	·544	·461	·525	·730	·933	1·078	1·133	·858
Amini Divi	·926	·975	·919	·877	·879	·833	·880	·865	·916	·898	·921	·912	·900
Mooltan	1·020	1·044	·833	·772	·548	·481	·443	·537	·670	·875	1·062	1·123	·784
Dera Ismail Khan	1·034	1·058	·846	·788	·537	·450	·428	·516	·666	·889	1·063	1·134	·784
Peshawar	1·093	1·122	·920	·853	·599	·497	·446	·554	·721	·946	1·112	1·192	·838
Rawalpindi	1·067	1·091	·887	·818	·568	·494	·474	·581	·708	·927	1·099	1·167	·823
Sialkot	·996	1·018	·820	·759	·524	·471	·471	·564	·673	·888	1·047	1·107	·778
Lahore	1·008	1·027	·821	·761	·530	·478	·465	·557	·676	·888	1·057	1·117	·782
Ludhiana	1·009	1·028	·824	·774	·559	·494	·494	·569	·692	·900	1·053	1·110	·792
Delhi	·996	1·010	·842	·774	·581	·505	·539	·586	·699	·902	1·044	1·098	·798
Sirsa	1·000	1·038	·827	·764	·544	·494	·485	·570	·694	·903	1·065	1·115	·792
Dehra	·995	1·020	·856	·778	·599	·564	·562	·629	·717	·936	1·090	1·128	·823
Roorkee	·978	·995	·814	·745	·554	·488	·514	·589	·680	·894	1·040	1·088	·782
Meerut	·988	1·000	·815	·748	·556	·482	·506	·585	·682	·896	1·046	1·095	·783
Bareilly	·973	·980	·822	·748	·566	·502	·513	·587	·681	·897	1·035	1·088	·783
Agra	·996	1·033	·850	·769	·587	·517	·528	·607	·731	·932	1·074	1·111	·811
Lucknow	·980	1·002	·836	·759	·602	·535	·537	·620	·700	·910	1·048	1·093	·802
Gorakhpur	·964	·974	·823	·761	·606	·539	·519	·610	·683	·893	1·022	1·077	·789
Jhansi	1·005	?	·852	·757	·584	·516	·519	·613	·720	·915	1·053	1·100	?
Allahabad	·973	·999	·829	·754	·588	·512	·516	·600	·689	·906	1·041	1·088	·791
Benares	·980	·998	·830	·750	·590	·521	·507	·601	·679	·899	1·041	1·090	·791
Ghazipur	·989	·998	·843	·767	·598	·530	·505	·596	·681	·904	1·048	1·125	·799
Sibsagar	1·020	1·022	·924	·883	·720	·643	·605	·696	·729	·937	1·041	1·090	·859
Dhubri	·978	·983	·852	·830	·696	·616	·573	·674	·712	·911	1·004	1·051	·823
Silchar	·981	·987	·893	·850	·715	·656	·596	·711	·726	·910	·986	1·038	·837
Purneah	·974	·978	·834	·791	·647	·591	·563	·664	·720	·907	1·022	1·067	·813
Durbhunga	·978	·980	·828	·785	·624	·562	·538	·627	·688	·907	1·014	1·069	·800
Patna	·978	·993	·831	·770	·607	·554	·532	·622	·693	·908	1·032	1·090	·801
Gya	·987	·975	·812	·744	·574	·517	·502	·592	·652	·876	1·012	1·074	·776
Hazaribagh	1·005	1·024	·858	·788	·620	·584	·561	·644	·718	·937	1·051	1·103	·816
Berhampore	·964	·973	·827	·783	·644	·580	·545	·653	·696	·908	1·003	1·052	·802
Burdwan	·973	·979	·828	·784	·635	·575	·534	·649	?	·900	·998	1·047	?
Jessore	·961	·976	·836	·803	·669	·600	·552	·667	·698	·905	·985	1·037	·807
Dacca	·969	·975	·853	·813	·684	·618	·572	·679	·709	·902	·986	1·035	·816
Chittagong	·969	·992	·894	·844	·721	·674	·614	·726	·747	·907	·977	1·024	·841
Calcutta (*Alipore*)	·966	·981	·842	·799	·647	·589	·540	·650	·696	·900	·989	1·044	·804

Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+
Saugor Island	·968	·981	·845	·816	·655	·604	·552	·664	·705	·912	1·005	1·061	·814
Cuttack	·958	·985	·845	·809	·632	·598	·563	·655	·704	·905	1·000	1·054	·809
False Point	·972	·996	·861	·830	·652	·604	·565	·670	·713	·911	1·008	1·063	·820
Sambalpur	·960	·991	·808	·767	·576	·554	·539	·625	·702	·908	1·013	1·070	·793
Raipur	·944	·990	·805	·752	·562	·549	·544	·628	·696	·894	1·002	1·065	·786
Nagpur	·961	1·002	·827	·768	·611	·595	·603	·675	·739	·917	1·027	1·082	·817
Seoni	·971	1·018	·847	·780	·617	·581	·586	·657	·729	·929	1·047	1·095	·821
Jubbulpore	·990	1·050	·866	·782	·612	·566	·577	·655	·738	·949	1·074	1·116	·831
Saugor	·973	1·030	·862	·778	·615	·559	·557	·640	·733	·935	1·064	1·092	·820
Hoshangabad	·972	1·040	·873	·796	·659	·604	·606	·682	·751	·909	1·066	1·105	·839
Khandwa	·962	1·018	·859	·781	·687	·622	·618	·692	·758	·908	1·017	1·045	·831
Chanda	·974	1·015	·847	·785	·638	?	?	·723	·771	·934	1·035	1·093	?
Sironcha	?	?	?	·786	·650	·639	·661	·704	·754	·904	·996	1·058	?
Buldana	·956	·995	·837	·770	·694	·642	·661	·721	·788	·915	1·016	1·056	·838
Akola	·954	1·002	·835	·762	·662	·617	·630	·698	·765	·913	1·024	1·067	·827
Amraoti	·950	·996	·827	·772	?	·607	·623	·691	·757	·915	1·020	1·067	?
Neemuch	·969	?	·872	?	·665	·595	·584	·696	?	?	1·076	1·092	?
Nowgong	·992	1·039	·858	·777	·595	·520	·535	·617	·716	·935	1·076	1·111	·814
Sutna	·999	1·044	·863	·781	·604	·532	·532	·624	·715	·935	1·080	1·124	·819
Indore	·968	1·030	·863	·782	·659	·588	·591	·670	·756	·920	1·046	1·060	·828
Bickaneer	1·023	1·053	·839	·746	·543	·491	·481	·572	·681	·876	1·018	1·064	·782
Jeypore	·995	1·040	·856	·782	·605	·536	·542	·628	·737	·930	1·074	1·106	·819
Sambhar	·995	1·047	·853	·781	·605	·541	·529	·610	·724	·928	1·081	1·108	·817
Ajmere	1·018	1·064	·877	·789	·630	·569	·556	·641	·754	·945	1·093	1·123	·838
Jacobabad	1·010	1·025	·818	·742	·547	·440	·401	·495	·641	·857	1·032	1·090	·758
Hyderabad	1·022	1·054	·863	·785	·629	·518	·481	·563	?	·877	1·034	1·085	?
Kurrachee	·994	1·042	·872	·816	·698	·553	·525	·618	·755	·911	1·025	1·069	·823
Bhuj	·990	1·034	·880	·816	·720	·594	·577	·661	·778	·911	1·015	1·054	·836
Rajkot	·977	?	887	·823	·730	·606	·601	·686	·793	·909	·996	1·030	?
Deesa	·950	1·000	·851	·786	·683	·582	·564	·653	·751	·901	1·009	1·034	·814
Surat	·967	1·011	·894	·834	·787	·655	·654	·722	·821	·904	·981	1·017	·854
Malegaon	·974	1·021	·871	·805	·733	·658	·674	·735	·808	·929	1·040	1·070	·860
Bombay	·949	·985	·901	·850	·831	·710	·735	·778	·851	·887	·952	·977	·867
Poona	·971	1·002	·886	·813	·800	·724	·746	·784	·850	·906	·999	1·028	·876
Sholapur	·953	·984	·842	·772	·750	·701	·724	·760	·798	·887	·972	1·015	·847
Ratnagiri	·929	·970	·897	·846	·834	·753	·788	·807	·863	·876	·929	·951	·870
Belgaum	·906	·933	·844	·796	·788	·748	·779	·797	·848	·882	·943	·978	·854
Karwar	·919	·958	·894	·849	·849	·794	·832	·836	·882	·877	·924	·931	·879
Gopalpur	·965	·987	·854	·821	·636	·587	·565	·649	·711	·908	·998	1·050	·811

Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September	October.	November.	December.	Year.
	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+
Vizagapatam	·956	·983	·865	·833	·649	·618	·607	·671	·721	·885	·973	1·025	·816
Rajahmundry	·952	·979	·866	·824	641	·633	·658	·704	·734	·880	·970	1·013	·821
Masulipatam	?	·999	·865	·836	·656	·654	·675	·716	·740	·867	·955	1·002	?
Secunderabad	·948	·985	·839	·804	·694	·692	·712	·750	·784	·894	·990	1·035	·844
Kurnool	·948	·978	·834	·788	·727	·708	·738	·762	·796	·860	·955	1·002	·841
Bellary	·949	·977	·853	·800	·763	·741	·773	·782	·827	·898	·979	1·017	·863
Mangalore	·920	·963	·907	·863	·869	·842	·881	·868	·914	·900	·930	·926	·899
Madras	·955	·995	·887	·855	·735	·729	·753	·773	·794	·869	·953	·982	·857
Salem	·960	·999	·898	·864	·814	·798	·821	·820	·857	·901	·953	·979	·889
Calicut	·909	·955	·898	·856	·858	·854	·889	·863	·901	·892	·912	·905	·891
Coimbatore	·926	·976	·891	·835	·811	·819	·845	·820	·859	·917	·960	·987	·887
Trichinopoly	·958	·995	·899	·867	·804	·805	·826	·815	·852	·898	·960	·985	·889
Negapatam	·936	·982	·890	·850	·777	·776	·794	·796	·822	·869	·926	·931	·862
Cochin	·889	·940	·893	·861	·870	·876	·910	·878	·924	·899	·918	·900	·897
Colombo	·880	·933	·896	·862	·877	·870	·896	·869	·908	·902	·915	·850	·892
Jaffna	·920	·964	·884	·839	·796	·785	·808	·801	·833	·865	·918	·914	·861
Trincomalee	·912	·959	·888	·838	·779	·775	·798	·786	·817	·856	·904	·897	·851
Batticaloa	·902	·942	·892	·850	·810	·809	·821	·821	·837	·866	·915	·898	·864
Hambantota	·855	?	·891	?	?	?	?	?	?	?	?	?	?
Galle	·878	·936	·899	·866	·878	·866	·894	·872	·901	·914	·917	·881	·891
Kandy	·917	·952	·903	·870	·884	·877	·895	·877	·915	·925	·940	·915	·906
Akyab	·956	·968	·906	·851	·748	·705	·648	·752	·761	·906	·974	1·012	·849
Thayetmyo	·938	·933	·846	·801	·726	·704	·680	·748	·765	·895	·957	·995	·832
Toungoo	·918	·921	·847	·799	·729	·723	·711	·755	·767	·878	·935	·983	·831
Bassein	·929	·945	·899	·845	·759	·745	·724	·783	·789	·897	·949	·977	·854
Diamond Island	·947	·968	·920	·874	·774	·766	·747	·802	·815	·911	·957	·984	·872
Rangoon	·936	·945	·887	·866	·785	·783	·767	·813	·812	·921	·963	·988	·872
Moulmein	·896	·919	·881	·846	·766	·758	·736	·773	·795	·879	·919	·948	·843
Mergui	·904	·920	·889	·890	·885	·874	·860	·874	·869	·886	·898	·939	·891
Port Blair	·908	·952	·918	·867	·802	·809	·802	·848	·851	·900	·931	·929	·876
Nancowry	·877	·915	·885	·891	·877	·868	·861	·867	·894	·919	·929	·911	·891

TABLE IX.—DIRECTION AND MEAN MOVEMENT OF WINDS IN 1887. (135 STATIONS).

1.—BAGHDAD (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	Observatory opened in October 1887.																											3	3	6	4	4	8	1	1	2
North-East																												3	2	5	3	4	7	...	2	2
East																												4	5	9	6	5	11	2	4	6
South-East																												9	8	17	4	6	10	7	5	12
South																												...	1	1	2	2	4	...	...	...
South-West																												1	...	1	...	...	...	2	1	3
West																												1	2	3	1	...	1	11	7	18
North-West																												9	9	18	10	9	19	8	11	19
Calm																												1	...	1	...	...	...	...	...	...
Variable																												...	...	...	...	...	...	...	...	...
Resultant (Percentage)	...			...			...			...			...			...			...			...			...			19			29			30		
Resultant (Direction)	...			...			...			...			...			...			...			...			...			N. 44° E.			N. 29° E.			N. 71° W.		
Mean diurnal velocity of wind in miles	...			...			...			...			...			...			...			...			...			110·4			134·7			128·3		
Average Resultant (Percentage) Years.	...			...			...			...			...			...			...			...			...			...			...			...		
Average Resultant (Direction) Years.	...			...			...			...			...			...			...			...			...			...			...			...		
Average diurnal velocity of wind in miles Years.	...			...			...			...			...			...			...			...			...			...			...			...		

2.—ADEN (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	..	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	1	...	1	...	..	...	...	...	...
North-East	...	...	...	..	...	...	5	6	11	2	9	11	2	2	4	1	...	1	...	...	...	2	...	2	5	1	6	7	3	10	9	2	11	11	4	15
East	24	9	33	15	9	24	23	7	30	24	10	34	9	5	14	1	...	1	1	5	6	3	...	3	9	5	14	14	11	25	17	7	24	16	8	24
South-East	1	9	10	1	1	2	...	7	7	2	1	3	2	3	5	2	7	9	7	7	14	4	9	13	3	13	16	1	6	7	1	12	13	1	8	9
South	...	4	4	1	1	2	...	2	2	1	2	3	6	11	17	14	20	34	12	15	27	13	17	30	5	7	12	1	7	8	...	3	3	...	1	1
South-West	...	...	...	...	...	..	...	...	...	...	...	...	3	5	8	9	2	11	7	1	8	...	3	3	2	1	3	...	...	...	...	1	1	...	...	...
West	...	...	...	...	...	...	..	...	...	...	1	1	...	...	...	...	...	...	...	...	...	2	...	2	2	2	4	...	...	...	...	...	...	..	...	...
North-West	...	...	...	..	...	...	...	...	...	...	...	...	1	1	2	...	...	...	...	1	1	1	...	1	1	...	1	...	...	...	..	...	...	...	...	...
Calm	4	8	12	...	4	4	1	6	7	1	7	8	8	4	12	3	1	4	3	2	5	6	2	8	3	1	4	7	3	10	3	5	8	2	7	9
Variable	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant (Percentage)	70			80			75			72			41			79			70			65			51			61			68			71		
Resultant (Direction)	S. 75° E.			S. 82° E.			N. 89° E.			N. 86° E.			S. 31° E.			S.			S. 13° E.			S. 13° E.			S. 48° E.			S. 83° E.			S. 83° E.			N. 85° E.		
Mean diurnal velocity of wind in miles	185·9			156·2			184·4			?			148·1			155·4			202·5			199·5			?			?			?			?		
Average Resultant (Percentage) 5-8 Years.	72			71			74			59			43			67			73			70			54			55			67			69		
Average Resultant (Direction) 5-8 Years.	N. 81° E.			N. 77° E.			N. 78° E.			N. 80° E.			S. 77° E.			S. 7° E.			S. 11° E.			S. 12° E.			S. 27° E.			N. 88° E.			N. 83° E.			N. 86° E.		
Average diurnal velocity of wind in miles 5-7 Years.	287·8			309·6			356·4			356·1			253·6			182·0			225·3			258·1			203·8			292·7			277·4			297·7		

3.—BUSHIRE (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	8	1	9	7	1	8	3	...	3	2	...	2	1	..	1	...	...	...	...	...	...	2	...	2	3	...	3	4	...	4	5	...	5	8	5	13
North-East	7	1	8	5	...	5	3	...	3	5	2	7	3	...	3	..	...	...	...	...	...	1	...	1	9	1	10	13	...	13	15	1	16	14	6	20
East	2	...	2	1	1	2	1	...	1	1	...	1	3	...	3	...	...	...	...	...	...	2	...	2	1	...	1	4	...	4	2	1	3	2	...	2
South-East	6	3	9	5	...	5	1	3	4	2	2	4	3	...	3	...	...	...	...	...	...	1	...	1	1	..	1	...	...	...	3	...	3	2	3	5
South	2	5	7	2	4	6	2	1	3	1	...	1	1	...	1	...	...	...	1	1	2	...	...	...	1	...	1	2	...	2	2	...	2	1	1	2
South-West	..	2	2	1	2	3	2	2	4	1	2	3	2	5	7	2	2	4	7	5	12	5	7	12	2	6	8	3	2	5	...	3	3	...	1	1
West	...	...	...	...	2	2	2	3	5	3	7	10	2	9	11	2	9	11	4	10	14	8	17	25	3	11	14	...	9	9	...	5	5	...	...	...
North-West	6	19	25	7	18	25	17	22	39	15	17	32	16	17	33	26	19	45	19	15	34	12	7	19	10	12	22	5	20	25	3	20	23	4	15	19
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	29			39			61			59			60			90			78			71			54			49			45			56		
Resultant Direction	N. 16° W.			N. 36° W			N. 51° W.			N. 48° W.			N. 60° W.			N. 58° W.			N. 74° W.			N. 81° W.			N. 55° W.			N. 34° W.			N. 15° W.			N. 9° E.		
Mean diurnal velocity of wind in miles	204·7			205·6			223·6			235·7			181·3			212·3			238·2			156·7			149·8			119·2			118·3			135·7		
Average Resultant Percentage	34			32			38			40			65			70			62			60			53			46			37			39		
Average Resultant Direction (10 Years.)	N. 8° W.			N. 18° W.			N. 47° W.			N. 63° W.			N. 56° W.			N. 57° W.			N. 72° W.			N. 71° W.			N. 51° W			N. 35° W.			N. 9° W.			N. 5° E.		
Average diurnal velocity of wind in miles (10-12 Years.)	188·6			207·9			214·7			218·1			214·7			259 6			221·6			186·7			184·0			156·9			147·0			157·8		

4.—AMINI DIVI (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	Not recorded.			3	4	7	8	5	13	10	2	12	3	4	7	2	...	2	...	...	...	1	...	1	3	4	7	5	5	10	12	7	19	14	15	29
North-East				10	5	15	1	1	2	2	...	2	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	3	3	6	4	2	6	8	5	13
East				1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	1	3	4	2	1	3
South-East				...	...	...	1	...	1	...	...	...	1	..	1	...	...	...	...	...	...	...	...	...	...	...	...	1	2	3	4	2	6	4	6	10
South				..	1	1	...	..	...	...	...	...	2	3	5	...	1	1	3	1	4	...	...	...	...	...	...	1	...	1	...	2	2	1	...	1
South-West				1	..	1	...	2	2	1	1	2	3	5	8	16	16	32	19	19	38	8	5	13	2	...	2	2	4	6	2	...	2	...	1	1
West				1	1	2	2	2	4	2	4	6	4	4	8	7	7	14	5	6	11	8	10	18	9	8	17	4	6	10	2	3	5	...	1	1
North-West				5	9	14	19	21	40	15	23	38	17	15	32	5	6	11	4	5	9	14	16	30	16	18	34	14	10	24	5	9	14	...	...	...
Calm				...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.	..	...	...	...	...	...	...	...	...	2	2	2	2	4
Variable				...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...
Resultant Percentage	...			61			83			85			64			78			82			81			86			53			43			55		
Resultant Direction	...			N.			N. 38° W.			N. 40° W.			N. 61° W			S. 73° W.			S. 61° W.			N. 75° W.			N. 55° W.			N. 44° W.			N. 9° W.			N. 31° E		
Mean diurnal velocity of wind in miles	230·1			215·1			198·9			272·8			323·2			470·0			475·1			526·6			477·4			522·2			347·7			155·3		
Average Resultant Percentage	...			...			...			...			...			...			...			...			...			...			...			...		
Average Resultant Direction (Years.)	...			...			...			...			...			...			...			...			...			...			...			...		
Average diurnal velocity of wind in miles (Years.)	...			...			...			...			...			...			...			...			...			...			...			...		

5.—QUETTA.—(*2 observations daily*).

	January.			February.			March.			April.			May.			June.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	4	3	7	8	5	13	6	2	8	7	4	11	7	...	7	5	2	7
North-East	1	2	3	3	...	3	1	...	1	1	...	1	1	...	1	...	...	...
East	1	...	1	1	...	1	...	...	...	...	3	3	...	...	...	...	...	...
South-East	1	1	2	1	...	1	2	...	2	2	...	2	...	...	...	1	1	2
South	2	3	5	4	2	6	3	2	5	2	1	3	...	...	...	5	2	7
South-West	1	4	5	3	1	4	4	5	9	3	5	8	...	...	...	4	2	6
West	3	9	12	...	11	11	7	17	24	4	7	11	7	21	28	2	14	16
North-West	5	7	12	2	8	10	5	5	10	3	5	8	11	10	21	4	9	13
Calm	13	2	15	6	1	7	3	...	3	8	5	13	5	...	5	9	...	9
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	34			38			57			31			77			47		
Resultant Direction	N. 69° W.			N. 53° W.			N. 85° W.			N. 67° W.			N. 62° W.			N. 83° W.		
Mean diurnal velocity of wind in miles	92·3			88·2			114·3			84·1			132·0			109·2		
Average Resultant Percentage (10 Years.)	27			30			36			36			51			43		
Average Resultant Direction (10 Years.)	N. 83° W.			N. 76° W.			S. 65° W.			N. 81° W.			N. 69° W.			N. 69° W.		
Average diurnal velocity of wind in miles (8-9 Years.)	92·2			104·7			114·6			114·8			113·3			113·3		

	July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	2	5	7	...	2	2	7	6	13	6	5	11	2	3	5	6	6	12
North-East	...	...	...	...	1	1	...	...	...	1	...	1	1	...	1	2	...	2
East	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South-East	...		...	...	1	1	...	...	...	...	2	2	...	...	...	1	1	2
South	5	4	9	...	2	2	...	...	...	1	...	1	...	...	...	2	1	3
South-West	3	6	9	3	4	7	...	1	1	...	...	...	...	1	1	2	...	2
West	5	8	13	4	14	18	1	11	12	3	13	16	2	9	11	2	7	9
North-West	6	6	12	2	6	8	4	10	14	2	9	11	1	11	12	...	11	11
Calm	10	2	12	22	1	23	18	2	20	18	2	20	24	6	30	16	5	21
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	45			44			53			44			39			35		
Resultant Direction	W.			N. 89° W.			N. 46° W.			N. 52° W.			N. 55° W.			N. 45° W.		
Mean diurnal velocity of wind in miles	115·3			75·2			54·1			49·8			42·2			52·8		
Average Resultant Percentage (8-10 Years.)	34			40			49			51			50			37		
Average Resultant Direction (8-10 Years.)	W.			N. 77° W.			N. 58° W.			N. 54° W.			N. 37° W.			N. 48° W.		
Average diurnal velocity of wind in miles (8-9 Years.)	121·2			107·3			83·3			71·5			64·7			64·3		

TABLE IX.—DIRECTION AND MEAN MOVEMENT OF WINDS IN 1887.

6.—LEH (*4 observations daily*).

	JANUARY.					FEBRUARY.					MARCH.				
	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total
North	2	...	...	...	2	...	1	2	2	5	2	2	2	3	9
North-East	13	12	8	10	43	10	4	3	10	27	8	2	3	5	18
East	7	5	5	10	27	9	9	1	11	30	2	1	3	1	7
South-East	4	3	8	6	21	3	2	2	2	9	2	...	...	...	2
South	1	2	3	...	6	...	...	6	..	6	...	3	...	2	5
South-West	...	1	5	1	7	...	2	3	...	5	3	4	2	1	10
West	...	...	1	...	1	...	1	2	...	3	6	6	12	9	33
North-West	...	...	...	...	...	...	...	1	1	2	...	2	4	5	11
Calm	4	8	1	4	17	5	8	7	...	20	8	11	5	5	29
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	54					45					25				
Resultant Direction	N. 84° E.					N. 79° E.					N. 59° W.				
Mean diurnal velocity of wind in miles	26·0					42·0					53·3				
Average Resultant Percentage (10 Years.)	32					26					31				
Average Resultant Direction (10 Years.)	S. 21° W.					S. 15° W.					S. 47° W.				
Average diurnal velocity of wind in miles (12 Years.)	24·0					34·6					50·5				

	APRIL.					MAY.					JUNE.				
	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.
North	1	1	...	2	4	2	3	2	...	7	3	...	2	...	5
North-East	12	11	4	...	27	9	7	6	10	32	4	2	3	5	14
East	5	2	2	1	10	...	...	1	...	1	1	...	3	1	5
South-East	1	2	...	12	15	3	2	...	...	5	...	...	...	...	...
South	...	2	2	1	5	...	...	...	...	...	...	3	1	...	4
South-West	4	5	6	2	17	6	12	9	3	30	8	10	5	4	27
West	3	4	7	5	19	4	4	5	11	24	2	13	11	12	38
North-West	1	2	9	6	18	4	3	8	3	18	4	...	3	6	13
Calm	3	1	...	1	5	3	...	...	4	7	8	2	2	2	14
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	8					29					43				
Resultant Direction	N. 26° W.					N. 60° W.					N. 89° W.				
Mean diurnal velocity of wind in miles	67·1					98·4					80·9				
Average Resultant Percentage (10 Years.)	41					40					38				
Average Resultant Direction (10 Years.)	S. 48° W.					S. 69° W.					S. 78° W.				
Average diurnal velocity of wind in miles (12 Years.)	73·7					75·9					58·2				

	JULY.					AUGUST.					SEPTEMBER.				
	6 hours.	10 hours	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.
North	3	1	1	2	7	1	2	...	1	4	6	1	1	1	9
North-East	6	4	3	3	16	7	4	1	2	14	7	3	2	3	15
East	...	1	...	...	1	...	1	...	...	1	...	...	2	..	2
South-East	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South	1	1	...	3	5	2	3	...	1	6	...	...	...	1	1
South-West	1	3	6	1	11	2	5	12	6	25	3	7	8	1	19
West	9	9	10	13	41	12	6	12	14	44	8	9	8	15	40
North-West	10	9	7	5	31	4	2	5	4	15	6	7	6	8	27
Calm	1	2	3	3	9	3	8	1	3	15	...	3	3	1	7
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	53					50					54				
Resultant Direction	N. 65° W.					N. 89° W.					N. 68° W.				
Mean diurnal velocity of wind in miles	71·0					43·8					59·1				
Average Resultant Percentage (10 Years.)	38					32					36				
Average Resultant Direction (10 Years.)	S. 67° W.					S. 68° W.					S. 51° W.				
Average diurnal velocity of wind in miles (12-13 Years.)	45·2					38·4					40·0				

	OCTOBER.					NOVEMBER.					DECEMBER.				
	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.
North	6	2	2	3	13	2	...	6	1	9	1	1	2	1	5
North-East	6	5	2	3	16	3	1	...	10	14	2	1	1	...	4
East	1	2	1	2	6	20	23	1	9	53	10	8	...	9	27
South-East	4	1	...	1	6	3	1	...	3	7	4	4	...	4	12
South	3	4	2	1	10	...	1	6	1	8	6	6	7	5	24
South-West	3	8	14	8	33	1	4	17	3	25	2	4	15	5	26
West	5	7	9	10	31	1	...	...	1	2	1	3	4	4	12
North-West	3	2	1	2	8	...	...	...	2	2	...	1	1	2	
Calm	...	...	...	1	1	...	...	...	...	...	5	3	1	1	10
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	32					40					33				
Resultant Direction	S. 79° W.					S. 78° E.					S. 7° E.				
Mean diurnal velocity of wind in miles	60·2					59·2					36·2				
Average Resultant Percentage (10 Years.)	40					42					55				
Average Resultant Direction (10 Years.)	S. 52° W.					S. 31° W.					S. 15° W.				
Average diurnal velocity of wind in miles (12 Years.)	47·1					50·1					33·1				

7.—MOOLTAN (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	4	3	7	3	2	5	5	1	6	2	...	2	1	1	2	1	...	1	1	...	1	...	...	...	...	...	...	2	...	2	...	...	...	...	...	...
North-East	7	6	13	4	1	5	7	3	10	4	3	7	1	3	4	1	2	3	4	1	5	1	2	3	2	1	3	8	9	17	4	4	8	6	3	9
East	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	..	..	...	...	...	...	...	...	...	...	...
South-East	...	...	...	1	1	2	...	...	...	1	1	2	...	1	1	3	...	3	11	5	16	3	1	4	2	...	2	1	...	1	...	...	...	...	...	...
South	1	...	1	1	...	1	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	1	...	1	...	...	...	1	...	1	...	...	...	...	...	...
South-West	...	...	...	1	2	3	2	1	3	10	10	20	11	8	19	7	5	12	13	9	22	16	12	28	13	13	26	7	9	16	7	8	15	9	9	18
West	...	...	..	1	...	1	1	...	1	...	1	1	...	1	1	...	...	...	...	...	...	...	...	..	...	...	...	..	...	...	...	...	...	...	...	...
North-West	...	...	...	...	...	...	2	5	7	6	5	11	7	3	10	10	14	24	...	5	5	2	6	8	6	8	14	3	7	10	5	4	9	8	7	15
Calm	18	22	40	17	22	39	14	21	35	7	10	17	11	14	25	8	9	17	2	11	13	8	10	18	7	8	15	9	6	15	14	14	28	8	12	20
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	30			8			26			28			29			39			31			42			43			16			19			28		
Resultant { Direction	N. 34° E.			N. 25° E.			N. 4° W.			S. 87° W.			S. 83° W.			N. 66° W.			S. 13° W.			S. 52° W.			S. 73° W.			N. 35° W.			N. 83° W.			N. 76° W.		
Mean diurnal velocity of wind in miles	44·7			46·2			57·6			65·4			47·1			71·6			64·8			57·3			81·9			75·1			36·2			36·3		
Average Resultant { Percentage	24			18			21			13			17			35			33			22			33			21			8			11		
Average Resultant { Direction (14-15 Years.)	N. 9° W.			N. 5° E.			N. 11° W.			N. 26° W.			N. 70° W.			S. 35° W.			S. 25° W.			S. 19° W.			S. 32° W.			S. 70° W.			S. 73° W.			N. 14° E.		
Average diurnal velocity of wind in miles (10-12 Years.)	40·5			56·4			49·5			60·5			69·1			90·1			80·7			76·3			66·9			48·8			35·1			32·2		

8.—DERA ISMAIL KHAN (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	2	1	3	4	1	5	1	...	1	3	1	4	3	2	5	3	...	3	1	...	1	...	1	1	2	...	2	8	...	8	3	...	3	3	1	4
North-East	1	7	8	3	14	17	6	13	19	7	15	22	12	7	19	9	8	17	5	5	10	9	15	24	13	16	29	10	14	24	5	12	17	5	9	14
East	1	...	1	1	...	1	4	7	11	5	1	6	2	...	2	6	6	12	11	3	14	18	4	22	6	2	8	3	3	6	2	2	4	4	...	4
South-East	1	3	4	1	2	3	...	2	2	1	5	6	...	4	4	2	5	7	6	15	21	3	9	12	...	9	9	1	7	8	...	6	6	2	5	7
South	1	...	1	...	...	..	...	2	2	1	...	1	...	...	...	6	5	11	4	6	10	...	1	1	1	...	1	1	...	1	1	...	1	2	...	2
South-West	1	2	3	...	...	..	1	...	1	...	2	2	...	2	2	1	1	2	1	...	1	...	...	...	...	...	...	1	1	2	3	...	3	2	3	5
West	9	1	10	3	...	3	7	2	9	4	...	4	4	...	4	1	2	3	1	...	1	...	...	...	1	...	1	1	...	1	...	...	...	5	...	5
North-West	11	15	26	13	8	21	10	5	15	7	4	11	9	11	20	2	...	2	2	1	3	1	...	1	3	1	4	3	1	4	3	1	4	5	9	14
Calm	4	2	6	3	3	6	2	...	2	2	2	4	1	5	6	...	3	3	...	1	1	...	1	1	4	2	6	3	5	8	13	9	22	3	4	7
Variable	...	...	...	...	..	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	48			53			35			40			46			39			57			77			60			49			31			21		
Resultant { Direction	N. 45° W.			N. 5° W.			N 15° E.			N. 31° E.			N. 3° W.			S. 88. E.			S. 64° E.			N.			1.. 60 E.			N. 50° E.			N. 56° E.			N. 2° E.		
Mean diurnal velocity of wind in miles	46·2			54·2			66·7			61·1			64·6			61·6			61·5			74·6			58·0			41·2			17·9			23·8		
Average Resultant { Percentage	30			27			30			25			41			46			48			52			51			39			21			16		
Average Resultant { Direction (15 Years.)	N. 7° W.			N. 4° W.			N. 40° E.			N. 46° E.			N. 79° E.			N. 87° E.			S. 79° E.			S. 75° E.			S. 88° E.			N. 75° E.			N. 51° E.			N. 3° E.		
Average diurnal velocity of wind in miles (15-16 Years.)	33·8			46·9			49·2			58·3			54·2			58·2			57·8			50·2			39·9			28·5			17·6			18·6		

9.—PESHAWAR (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	4	3	7	1	9	10	5	3	8	8	7	15	11	7	18	6	5	11	7	3	10	8	4	12	2	3	5	..	3	3	2	1	3	...	2	2
North-East	2	4	6	4	4	8	5	7	12	5	7	12	5	5	10	7	8	15	9	13	22	7	16	23	10	15	25	..	14	14	5	4	9	3	2	5
East	4	2	6	1	2	3	3	5	8	4	6	10	1	3	4	6	5	11	9	5	14	6	4	10	9	5	14	6	2	8	4	5	9	2	1	3
South-East	7	1	8	4	2	6	3	1	4	...	...	...	...	3	3	1	2	3	1	2	3	3	...	3	1	...	1	...	2	2	1	3	4	2	...	2
South	4	3	7	3	...	3	1	1	2	1	...	1	...	...	...	2	4	6	1	2	3	...	1	1	1	...	1	1	1	2	...	...	...	4	4	8
South-West	3	2	5	1	1	2	...	3	3	1	...	1	1	3	4	...	5	5	...	1	1	...	3	3	2	1	3	1	...	1	...	1	1	2	1	3
West	2	3	5	4	3	7	6	3	9	1	5	6	2	6	8	2	...	2	...	1	1	1	...	1	...	3	3	1	...	1	...	...	...	1	4	5
North-West	1	8	9	1	5	6	4	4	8	4	5	9	9	4	13	5	1	6	2	4	6	4	3	7	2	1	3	2	3	5	1	1	2	1	1	2
Calm	4	5	9	9	2	11	4	4	8	6	...	6	2	...	2	1	...	1	2	...	2	2	...	2	3	2	5	20	6	26	17	15	32	16	16	32
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.	...	...
Resultant Percentage.	3			20			25			48			49			33			57			56			55			30			29			7		
Resultant Direction	N. 35° E.			N. 1° E.			N. 9° E.			N. 11° E.			N. 13° W.			N. 45° E.			N. 47° E.			N. 36° E.			N. 50° E.			N. 49° E.			N. 66° E.			S. 7° W.		
Mean diurnal velocity of wind in miles	75·2			93·1			144·4			222·3			143·1			142·6			150·8			99·5			68·5			34·2			28·0			33·8		
Average Resultant Percentage	7			9			14			19			25			31			47			54			53			37			18			9		
Average Resultant Direction. 10 Years.	S. 11° E.			N. 51° W.			N. 15° E.			N. 10° E.			N. 25° E.			N. 50° E.			N. 56° E.			N. 42° E.			N. 41° E.			N. 61° E.			N. 85° E.			S. 20° E.		
Average diurnal velocity of wind in miles 11-12 Years.	59·1			80·0			89·5			100·7			115·5			10,·9			105·7			94·8			74·4			59·9			49·5			57·0		

10.—MURREE (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	...	...	1	...	1	2	1	3	2	1	3	...	...	...	...	...	...	...	...	..	2	...	2	...	...	...	...	2	2	1	...	1	...	1	1
North-East	...	...	...	1	1	2	1	...	1	...	1	1	...	2	2	...	...	...	...	...	...	...	...	...	2	...	2	...	..	...	...	...	...	...	2	2
East	1	1	2	1	1	2	2	3	5	2	2	4	1	3	4	...	...	...	1	...	1	1	...	1	...	1	1	...	...	...	...	...	...	...	3	3
South-East	23	16	39	10	12	22	11	12	23	9	4	13	13	6	19	10	6	16	8	12	20	6	8	14	5	6	11	13	8	21	7	7	14	20	15	35
South	..	3	3	4	3	7	4	4	8	7	3	10	7	1	8	8	5	13	5	8	13	2	8	10	4	5	9	6	9	15	2	3	5	3	2	5
South-West	...	1	1	..	...	...	...	1	1	1	3	4	1	...	1	...	5	5	2	3	5	1	1	2	1	1	2	1	...	1	...	...	..	...	...	...
West	...	...	...	...	4	4	1	3	4	1	5	6	1	8	9	2	7	9	2	1	3	2	4	6	.	6	6	...	1	1	...	6	6	...	...	...
North-West	2	2	4	1	4	5	4	5	9	3	5	8	2	7	9	...	5	5	6	1	7	8	5	13	7	8	15	4	2	6	1	6	7	...	2	2
Calm	5	8	13	10	3	13	6	2	8	5	5	10	6	4	10	10	2	12	7	6	13	9	4	13	11	3	14	7	6	13	19	8	27	8	6	14
Variable	...		...	..	...	...	...	...	...	...	.	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...
Resultant Percentage	62			36			30			21			24			41			42			19			17			44			15			61		
Resultant Direction	S. 42° E.			S. 35° E.			S. 36° E.			S. 3° W.			S. 11° E.			S. 11° W.			S. 8° E.			S 29° W.			S. 52° W.			S. 22° E.			S. 7° W.			S. 47° E.		
Mean diurnal velocity of wind in miles	218·9			210·9			283·0			175·3			231·4			165·3			157·3			137 8			175·2			141·5			133·1			166·9		
Average Resultant Percentage	35			29			28			16			13			12			14			12			8			10			17			31		
Average Resultant Direction. 15 Years.	S. 54° E.			S. 39° E.			S. 35° E.			S. 40° E.			S. 18° E.			S. 2° W.			S. 15° E.			S. 4° E.			S. 52° E.			S. 30° E.			S. 46° E.			S. 58° E.		
Average diurnal velocity of wind in miles. 5-7 Years.	194·0			195·9			225·2			209·8			200·3			157·9			137·4			114·1			130·1			137·3			123·0			146·5		

11.—RAWALPINDI (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	2	2	4	4	...	4	6	1	7	2	1	3	1	3	4	..	..	...	..	...	...	1	1	2	1	3	4	1	1	2	5	2	7	...	4	4
North-East	7	5	12	2	2	4	2	4	6	6	9	15	5	3	8	5	3	8	9	3	12	5	4	9	4	1	5	2	2	4	2	2	4	1	...	1
East	1	2	3	1	1	2	2	1	3	1	...	1	4	...	4	4	2	6	5	5	10	7	3	10	6	5	11	4	...	4	2	...	2	...	1	1
South-East	1	2	3	3	..	3	3	4	7	5	3	8	5	6	11	10	9	19	11	12	23	14	12	26	4	8	12	4	6	10	...	...	...	...	1	1
South	5	1	6	3	2	5	3	3	6	4	2	6	1	2	3	1	2	3	...	3	3	..	3	3	...	1	1	2	...	2	...	...	...	1	...	1
South-West	6	2	8	3	3	6	3	4	7	4	6	10	3	3	6	2	4	6	2	6	8	1	6	7	1	...	1	4	4	8	6	9	15	3	7	10
West	3	10	13	3	7	10	9	7	16	3	3	6	...	1	1	2	...	2	1	..	1	...	1	1	2	...	2	6	4	10	6	1	7	7	...	7
North-West	4	6	10	7	10	17	2	7	9	4	4	8	10	12	22	3	6	9	2	1	3	1	1	2	8	10	18	7	13	20	8	16	24	13	15	28
Calm	2	2	4	...	1	1	1	...	1	1	2	3	2	1	3	2	4	6	1	1	2	2	...	2	2	...	2	1	1	2	1	...	1	6	3	9
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	&.
Resultant Percentage	23			40			25			3			17			26			48			52			23			27			56			57		
Resultant Direction	N. 63° W.			N. 69° W.			N. 84° W.			N. 70° W.			N. 18° W.			S. 55° E.			S. 61° E.			S. 59° E.			N. 37° E.			N. 75° W.			N. 61° W.			N. 63° W.		
Mean diurnal velocity of wind n miles	72·9			98·5			122·9			113·2			123·2			107·4			109·9			74·2			44·1			65·7			48·4			47·4		
Average Resultant Percentage (15 Years.)	21			30			24			23			10			15			35			27			12			16			25			31		
Average Resultant Direction (15 Years.)	N. 72° W.			N. 77° W.			N. 68° W.			N. 65° W.			N. 79° W.			S. 15° E.			S. 66° E.			S. 58° E.			S. 40° E.			S. 62° W.			S. 82° W.			N. 73° W.		
Average diurnal velocity of wind in miles 12-13 Years.	45·5			56·6			61·8			68·0			66·5			61·6			50·7			37·4			30·1			29·8			26·8			27·4		

12.—SIALKOT (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	6	8	14	2	1	3	2	2	4	3	5	8	5	1	6	3	3	6	1	1	2	1	1	2	3	3	6	4	...	4	5	...	5	4	1	5
North-East	4	1	5	2	1	3	5	1	6	3	...	3	3	1	4	...	1	1	3	1	4	7	...	7	7	1	8	4	1	5	8	...	8	7	...	7
East	6	1	7	1	1	2	7	5	12	3	1	4	10	2	12	7	...	7	17	13	30	11	11	22	6	1	7	12	2	14	10	...	10	8	1	9
South-East	2	2	4	2	1	3	2	3	5	4	...	4	7	1	8	4	1	5	6	3	9	6	5	11	7	4	11	4	1	5	3	1	4	3	...	3
South	1	1	2	2	1	3	1	1	2	...	...	...	2	7	9	4	6	10	...	1	1	2	3	5	2	1	3	4	...	4	1	2	3	1	...	1
South-West	2	1	3	...	1	1	...	3	3	...	2	2	...	4	4	2	5	7	1	2	3	1	1	2	2	1	3	...	2	2	...	1	1	1	2	3
West	4	12	16	5	17	22	5	9	14	4	9	13	2	8	10	2	6	8	1	5	6	...	5	5	1	6	7	2	17	19	1	16	17	3	17	20
North-West	5	3	8	8	1	9	6	4	10	6	2	8	1	1	2	3	4	7	1	...	1	2	...	2	1	8	9	...	6	6	2	3	5	3	3	6
Calm	1	2	3	6	4	10	3	3	6	7	11	18	1	6	7	5	4	9	1	5	6	1	5	6	1	5	6	1	2	3	...	7	7	1	7	8
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	..	...	...	...	...	...	...	...	...	...
Resultant Percentage	31			42			14			27			15			16			49			44			12			7			14			22		
Resultant Direction	N. 33° W.			N. 76° W.			N. 24° W.			N. 44° W.			S. 41° E.			S. 44° W.			S. 83° E.			S. 78° E.			N. 44° E.			N. 52° W.			N. 20° W.			N. 49° W.		
Mean diurnal velocity of wind in miles	?			25·1			42·5			28·8			46·0			20·6			?			82·8			62·7			58·3			35·6			41·5		
Average Resultant Percentage (15 Years.)	22			35			34			21			17			11			35			28			7			15			26			28		
Average Resultant Direction (15 Years.)	N. 57° W.			N. 72° W.			N. 59° W.			N. 46° W.			N. 2° E.			N. 77° E.			S. 86° E.			S. 89° E.			N. 39° E.			N. 29° W.			N. 67° W.			N. 79° W.		
Average diurnal velocity of wind in miles 10-12 Years.	33·2			41·0			46·4			55·1			59·9			58·5			58·8			54·6			39·4			33·6			23·7			26·3		

TABLE IX.—DIRECTION AND MEAN MOVEMENT OF WINDS IN 1887.

13.—LAHORE (*4 observations daily*).

	JANUARY.					FEBRUARY.					MARCH.					APRIL.					MAY.					JUNE.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	3	5	4	...	12	...	3	4	1	8	4	2	2	...	8	3	3	4	1	11	4	2	4	3	13	2	2	4	2	10
North-East	1	2	1	..	4	...	...	1	...	1	...	3	1	1	5	2	5	1	1	9	...	3	3	1	7	2	1	3	..	6
East	2	4	4	2	12	3	...	1	2	6	11	3	4	7	25	4	5	4	3	16	7	4	1	4	16	5	5	4	3	17
South-East	...	1	...	...	1	...	5	1	...	6	...	5	3	...	8	1	2	...	...	3	1	9	4	2	16	1	6	2	...	9
South	...	2	1	...	3	...	...	...	...	...	...	2	1	...	3	...	1	...	...	1	1	5	3	2	11	...	4	2	...	6
South-West	...	...	...	...	...	...	1	1	1	3	...	...	1	...	1	...	1	1	...	2	2	...	5	...	7	1	3	4	1	9
West	...	6	10	..	16	4	7	12	5	28	4	4	7	5	20	2	8	11	1	22	2	4	3	3	12	1	6	7	4	18
North-West	1	8	8	.	17	1	11	6	...	18	...	11	10	1	22	2	3	7	1	13	1	2	5	...	8	...	2	1	...	3
Calm	24	3	3	29	59	20	1	2	19	42	12	1	2	17	32	16	2	2	23	43	13	2	3	16	34	18	1	3	20	42
Variable	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	21					31					14					20					8					2				
Resultant { Direction	N. 28° W.					N. 65° W.					N. 7° W.					N. 20° W.					S. 69° E.					S. 25 °E.				
Mean diurnal velocity of wind in miles	55·2					69·5					99·5					79·1					90·7					86·2				
Average Resultant { Percentage	21					30					33					26					21					11				
Average Resultant { Direction (15 Years.)	N. 25° W.					N. 25° W.					N. 10° W.					N. 19° W.					N. 7° E.					N. 19° W.				
Average diurnal velocity of wind in miles. (15 Years.)	46·0					57·4					74·7					80·1					79·7					83·7				

	JULY.					AUGUST.					SEPTEMBER.					OCTOBER.					NOVEMBER.					DECEMBER.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	...	1	1	...	2	1	4	4	...	9	...	4	4	...	8	1	2	1	...	4	...	1	1	...	2	1	2	4	...	7
North-East	...	1	...	1	2	1	3	5	1	10	1	3	2	..	6	...	3	2	...	5	...	1	...	...	1	...	3	1	...	4
East	6	8	8	15	37	8	8	9	13	38	3	2	2	3	10	1	3	1	5	10	3	1	...	2	6	1	2	2	...	5
South-East	5	8	6	2	21	4	7	5	...	16	2	6	3	4	15	3	9	2	1	15	...	3	1	...	4	...	7	...	...	7
South	1	1	2	1	5	...	3	3	1	7	1	3	1	1	6	2	...	...	...	2	...	...	...	..	...	...	1	...	...	1
South-West	1	3	1	...	5	...	1	1	...	2	1	2	1	...	4	...	2	2	...	4	...	...	...	...	...	...	...	1	..	1
West	3	4	5	2	14	1	...	...	...	1	...	5	4	...	9	...	4	4	...	8	1	7	6	...	14	...	6	3	...	9
North	...	1	1	...	2	1	2	...	...	3	...	1	4	1	6	...	1	1	1	3	..	3	3	...	6	...	3	6	...	9
Calm	15	4	7	10	36	15	3	4	16	38	22	4	9	21	56	24	7	18	24	73	26	14	19	28	87	29	7	14	31	81
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	31					42					8					10					8					8				
Resultant { Direction	S. 62° E.					S. 88° E.					S. 71° E.					S. 63° E.					N. 65° W.					N. 19° W.				
Mean diurnal velocity of wind in miles	91·8					67·7					52·1					37·4					22·2					24·0				
Average Resultant { Percentage	34					27					13					12					22					22				
Average Resultant { Direction (15 Years.)	S. 84° E.					S. 83° E.					N. 60° E.					N. 3° W.					N. 47° W.					N. 36° W.				
Average diurnal velocity of wind in miles. (15-16 Years.)	78·9					68·6					48·7					38·1					32·7					34·9				

14.—LUDHIANA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	2	5	7	4	4	8	1	3	4	2	6	8	3	1	4	3	8	11
North-East	2	2	4	...	1	1	...	...	...	2	...	2	...	...	...	1	1	2
East	1	1	2	...	...	...	3	4	7	1	1	2	1	1	2	2	...	2
South-East	2	1	3	...	1	1	6	3	9	2	...	2	6	4	10	3	...	3
South	1	...	1	2	...	2	7	3	10	1	2	3	6	3	9	6	...	6
South-West	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	1	2
West	4	6	10	9	13	22	5	9	14	1	6	7	...	8	8	7	5	12
North-West	5	4	9	4	5	9	3	2	5	5	5	10	1	4	5	2	4	6
Calm	14	12	26	9	4	13	6	7	13	16	10	26	14	9	23	5	11	16
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	26			53			16			25			16			23		
Resultant { Direction	N. 36° W.			N. 65° W.			S. 25° W.			N. 37° W.			S. 19° W.			N. 60° W.		
Mean diurnal velocity of wind in miles	12·4			28·1			38·2			22·1			36·5			46·1		
Average Resultant { Percentage (15 Years.)	25			39			33			27			10			10		
Average Resultant { Direction (15 Years.)	N. 56° W.			N. 48° W.			N. 47° W.			N. 59° W.			N. 57° W.			N. 74° W.		
Average diurnal velocity of wind in miles (11-12 Years.)	25·9			37·8			44·1			49·9			53·2			58·5		

	JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	1	2	...	2	2	...	1	1	...	2	2	1	2	3	1	2	3
North-East	1	...	1	2	1	3	1	...	1	...	...	...	...	1	1	...	...	...
East	1	4	5	4	4	8	1	1	2	1	...	1	...	...	...	...	...	...
South-East	7	1	8	2	1	3	3	2	5	2	1	3	...	...	...	...	...	...
South	7	8	15	3	2	5	...	2	2	1	...	1	...	1	1	...	...	...
South-West	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...
West	3	2	5	...	1	1	5	8	13	4	5	9	2	4	6	2	5	7
North-West	1	1	2	1	...	1	1	6	7	3	2	5	3	4	7	3	...	3
Calm	9	14	23	18	20	38	19	10	29	20	21	41	24	18	42	25	24	49
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	29			17			20			16			21			17		
Resultant { Direction	S. 14° E.			S. 73° E.			N. 85° W.			N. 76° W.			N. 53° W.			N. 61° W.		
Mean diurnal velocity of wind in miles	48·6			24·2			16·9			15·4			9·7			5·1		
Average Resultant { Percentage (15 Years.)	25			10			13			24			36			24		
Average Resultant { Direction (15 Years.)	S. 46° E.			S. 66° E.			N. 40° W.			N. 40° W.			N. 44° W.			N. 30° W.		
Average diurnal velocity of wind in miles (13 Years.)	48·7			34·5			25·1			21·1			18·3			20·0		

TABLE IX.—DIRECTION AND MEAN MOVEMENT OF WINDS IN 1887.

15.—CHAMBA (*4 observations daily*).

	JANUARY.					FEBRUARY.					MARCH.					APRIL.					MAY.					JUNE.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	...	...	1	1	2	...	2	2	...	4	1	6	3	...	10	...	...	2	...	2	...	1	1	...	2	2	1	1	1	5
North-East	...	...	...	1	1	1	...	...	...	1	1	...	...	2	3	...	...	...	1	1	...	...	1	...	1	...	...	4	...	4
East	10	1	...	11	22	10	...	...	11	21	13	...	3	18	34	14	...	3	11	28	13	...	1	19	33	8	...	1	8	17
South-East	11	3	6	6	26	9	3	...	12	24	9	...	4	8	21	11	1	4	15	31	9	1	4	10	24	10	1	9	12	32
South	...	...	1	...	1	...	...	1	1	2	2	...	1	...	3	...	...	...	...	...	2	...	3	...	5	2	...	...	2	4
South-West	...	...	2	...	2	...	...	1	...	1	...	...	...	...	...	...	...	2	...	2	1	...	4	...	5	...	...	1	...	1
West	...	...	...	...	...	...	...	3	...	3	...	1	2	...	3	...	...	2	...	2	1	4	5	...	10	1	1	1	1	4
North-West	...	6	6	...	12	...	11	13	...	24	2	13	17	...	32	...	16	13	1	30	...	19	12	...	31	6	22	12	2	42
Calm	10	20	15	13	58	8	12	8	4	32	3	11	1	3	18	4	13	4	2	23	5	6	...	2	13	...	5	1	4	10
Variable	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	26					16					25					22					12					11				
Resultant Direction	S. 73° E.					N. 84° E.					N. 56° E.					N. 89° E.					S. 87° E.					N. 38° E.				
Mean diurnal velocity of wind in miles	47·9					90·2					149·1					156·9					164·3					157·8				
Average Resultant Percentage (3 Years.)	17					9					18					15					9					16				
Average Resultant Direction (3 Years.)	S. 80° E.					N. 66° E.					N. 25° E.					N. 19° E.					N. 14° E.					N. 12° W.				
Average diurnal velocity of wind in miles (3 Years.)	38·6					66·4					104·2					103·4					106·5					102·7				

	JULY.					AUGUST.					SEPTEMBER.					OCTOBER.					NOVEMBER.					DECEMBER.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	...	2	...	...	2	1	4	2	1	8	...	5	...	...	5	...	3	1	...	4	...	3	..	...	3	...	2	1	...	3
North-East	...	...	...	...	...	...	...	...	...	...	4	...	...	...	4	..	...	1	...	1	...	...	...	1	1	...	...	...	1	1
East	6	...	1	4	11	5	...	...	6	11	10	...	...	15	25	16	...	1	13	30	16	1	...	15	32	17	...	2	12	31
South-East	10	...	3	13	26	8	...	1	9	18	11	...	1	13	25	14	1	2	16	33	13	...	2	12	27	12	2	3	14	31
South	1	...	1	1	3	...	..	...	1	1	1	...	...	2	3	...	...	...	2	2	1	...	7	...	8	..	1	3	2	6
South-West	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	4	...	..	10	1	11	...	...	7	...	7
West	...	...	...	...	...	4	4	...	8	...	...	8	...	8	...	...	...	6	...	6	...	...	3	...	3	1	1	1	...	3
North-West	...	24	21	1	46	1	15	18	...	34	...	19	19	...	38	...	13	12	...	25	...	13	6	...	19	...	11	2	1	14
Calm	14	5	5	12	36	16	8	6	14	44	4	6	2	..	12	1	14	4	...	19	...	13	2	1	16	1	14	12	1	28
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
Resultant Percentage	11					16					15					24					27					33				
Resultant Direction	N. 13° W.					N. 24° W.					N. 37° E.					N. 70° E.					S. 57° E.					S. 62° E.				
Mean diurnal velocity of wind in miles	142·6					107·2					141·9					148·5					134·6					105·5				
Average Resultant Percentage (3-4 Years)	30					23					10					10					15					13				
Average Resultant Direction (3-4 Years)	N. 40° W.					N. 28° W.					N. 15° E.					N. 4° W.					S. 60° E.					S. 68° E.				
Average diurnal velocity of wind in miles (3-4 Years.)	93·7					75·2					?					107·5					82·7					62·8				

16.—KAILANG (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	2	...	2	...	1	1	1	...	1	...	...	...	...	3	3	...	2	2	...	3	3	1	4	5	1	...	1	2	2	4	...	1	1	1	1	2
North-East	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	1	1
East	...	4	4	1	...	1	...	...	...	...	1	1	...	1	1	...	...	...	1	1	2	2	...	2	1	2	3	...	3	3	...	2	2	...	1	1
South-East	3	4	7	...	1	1	...	...	...	2	2	4	1	1	2	2	1	3	1	...	1	...	1	1	2	1	3	...	3	3	2	5	7	2	4	6
South	4	3	7	3	2	5	6	5	11	1	3	4	2	1	3	3	4	7	4	2	6	2	4	6	5	4	9	6	6	12	4	9	13	5	5	10
South-West	4	7	11	10	8	18	11	13	24	19	8	27	22	6	28	16	5	21	8	3	11	9	4	13	16	7	23	14	9	23	9	5	14	8	2	10
West	14	10	24	14	11	25	12	9	21	7	14	21	6	11	17	8	14	22	15	12	27	14	9	23	5	9	14	8	5	13	14	6	20	12	10	22
North-West	3	3	6	...	4	4	1	3	4	...	...	...	...	8	8	1	2	3	2	10	12	3	9	12	...	7	7	1	2	3	1	...	1	3	7	10
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	47			75			78			78			69			67			66			61			62			59			58			52		
Resultant { Direction	S. 64° W.			S. 69° W.			S. 59° W.			S. 54° W.			S. 69° W.			S. 63° W.			S. 86° W.			S. 86° W.			S. 55° W.			S. 47° W.			S. 42° W.			S. 69° W.		
Mean diurnal velocity of wind in miles	23·8			36·2			51·6			63·6			59·5			58·4			53·5			40·3			44·0			51·7			43·0			31·9		
Average Resultant { Percentage	44			65			70			72			72			71			61			59			64			70			67			48		
Average Resultant { Direction 4-5 Years.	S. 57° W.			S. 69° W.			S. 66° W.			S. 62° W.			S. 61° W.			S. 62° W.			S. 80° W.			S. 76° W.			S. 58° W.			S. 52° W.			S. 53° W.			S. 47° W.		
Average diurnal velocity of wind in miles 3-5 Years.	?			?			?			44·3			49·9			39·6			36·1			25·2			30·6			32·5			26·3			19·8		

17.—SIMLA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	...	..	...	...	...	...	...	...	1	2	3	...	...	...	...	...	..	2	2	4	...	1	1	...	...	...	1	...	1	3	1	4	3	2	5
North-East	4	3	7	4	2	6	5	3	8	...	1	1	2	1	3	3	2	5	7	6	13	2	1	3	1	...	1	1	...	1	1	1	2	...	1	1
East	1	1	2	1	...	1	2	...	2	2	...	2	...	...	...	1	1	2	2	...	2	...	...	...	1	...	1	1	...	1	...	...	...	2	...	2
South-East	14	15	29	7	2	9	9	5	14	1	2	3	...	...	...	1	1	2	...	2	2	4	...	4	2	3	5	2	...	2	1	1	2	3	1	4
South	5	3	8	3	2	5	4	5	9	2	1	3	1	1	2	1	...	1	...	1	1	4	2	6	10	4	14	4	2	6	1	...	1	2	...	2
South-West	6	8	14	12	22	34	8	16	24	19	19	38	27	28	55	23	25	48	13	16	29	15	23	38	14	21	35	22	27	49	1	...	1	1	3	4
West	1	...	1	1	...	1	1	..	1	2	1	3	...	1	1	1	..	1	2	1	3	...	1	1	...	...	...	...	...	...	1	2	3	2	...	2
North-West	...	1	1	...	..	...	2	2	4	3	4	7	...	...	...	...	1	1	3	3	6	6	3	9	...	...	...	...	2	2	22	25	47	17	24	41
Calm	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	2	...	2	...	...	...	2	2	4	..	...	...	...	...	...	1	...	1
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	59			61			44			63			87			72			26			63			77			82			82			63		
Resultant { Direction	S. 26° E.			S. 23° W.			S. 7° W.			S. 52° W.			S. 44° W.			S. 42° W.			S. 70° W.			S. 48° W.			S. 25° W.			S. 40° W.			N. 44° W.			N. 46° W.		
Mean diurnal velocity of wind in miles	Not recorded.																																			
Average Resultant { Percentage	23			28			36			32			44			40			30			25			32			41			36			24		
Average Resultant { Direction 6-8 Years.	S. 31° W.			S. 17° W.			S. 33° W.			S. 61° W.			S. 79° W.			S. 76° W.			S. 74° W.			N. 89° W.			N. 87° W.			N. 74° W.			N. 76° W.			N. 61° W.		
Average diurnal velocity of wind in miles 4-5 Years.	48·4			59·3			67·0			69·6			69·1			55·8			37·4			37·4			40·1			59·0			46·3			42·4		

18.—DELHI (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER			NOVEMBER.			DECEMBER.		
	10 hours	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	1	2	3	10	13	2	3	5	3	7	10	3	2	5	2	...	2	1	1	2	...	2	2	1	6	7	3	15	18	3	12	15	2	11	13
North-East	8	3	11	2	...	2	...	1	1	3	4	7	3	8	11	6	18	24	4	12	16	7	12	19	4	9	13	1	7	8	...	9	9	1	5	6
East	2	5	7	..	2	2	...	2	2	2	2	4	1	2	3	2	...	2	1	2	3	3	...	3	3	...	3	1	3	4	...	...	...	2	2	4
South-East	5	3	8	3	1	4	8	9	17	5	1	6	10	2	12	4	1	5	14	7	21	9	7	16	1	...	1	6	1	7	2	1	3	6	1	7
South	...	1	1	...	2	2	5	...	5	1	...	1	1	1	2	1	...	1	2	...	2	1	...	1	1	...	1	...	...	...	...	...	...	1	1	2
South-West	2	...	2	...	...	..	...	...	...	3	...	3	...	1	1	1	1	2	1	5	6	2	4	6	1	1	2	4	..	4	2	...	2	...	...	...
West	4	5	9	8	3	11	4	3	7	3	5	8	4	4	8	5	1	6	2	...	2	3	...	3	6	2	8	3	2	5	6	3	9	7	5	12
North-West	8	12	20	9	10	19	11	13	24	8	11	19	9	11	20	9	9	18	6	4	10	2	6	8	11	12	23	7	3	10	9	4	13	8	6	14
Calm	1	1	2	3	..	3	1	...	1	2	...	2	...	...	...	...	...	...	...	...	...	4	...	4	2	...	2	6	...	6	8	1	9	4	...	4
Variable	...	...	..	...	..	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	26			52			17			39			26			43			26			25			53			37			49			35		
Resultant Direction	N. 15° W.			N. 38° W.			N. 59° W			N. 26° W.			N. 13° W.			N. 5° E.			S. 87° E.			N. 73° E.			N. 24° W.			N. 1° W.			N. 22° W.			N. 23° W
Mean diurnal velocity of wind in miles	62·8			76·2			118·1			91·4			117·9			99·7			96·0			59·0			62·7			50·2			46·0			48·1		
Average Resultant Percentage	38			39			47			41			12			24			15			6			15			47			50			52		
Average Resultant Direction (10 Years.)	N. 77° W.			N. 66° W.			N. 62° W.			N. 65° W.			N. 49° W.			N. 60° W.			S. 45° E.			S. 19 W.			N. 32° W.			N. 49° W.			N. 59° W.			N. 67° W.		
Average diurnal velocity of wind in miles (13 Years.)	71·8			86·6			93·3			94·2			107·0			118·2			107·2			98·7			90·8			58·4			56·0			65·4		

19.—SIRSA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	Imperfect.			4	1	5	5	1	6	2	3	5	1	4	5	...	3	3	...	...	...	1	1	2	1	4	5	1	1	2	...	7	7	3	2	5
North-East				2	1	3	2	...	2	...	2	2	2	1	3	3	...	3	...	...	...	...	2	2	1	4	5	1	1	2	1	5	6	3	1	4
East				1	1	2	1	1	2	5	2	7	3	1	4	3	1	4	7	11	18	3	11	14	4	4	8	...	2	2	1	...	1	5	9	14
South-East				2	...	2	2	1	3	6	2	8	3	1	4	2	..	2	9	10	19	4	3	7	3	3	6	1	2	3	2	1	3	7	1	8
South				2	1	3	3	3	6	3	1	4	2	1	3	1	1	2	3	...	3	2	3	5	2	...	2	5	2	7	5	...	5	3	..	3
South-West				2	1	3	7	3	10	6	3	9	6	8	14	6	8	14	5	5	10	8	7	15	7	3	10	10	5	15	5	3	8	2	...	2
West				2	6	8	4	10	14	1	10	11	11	8	19	12	8	20	7	2	9	8	1	9	6	8	14	8	9	17	7	4	11	...	4	4
North-West				8	14	22	3	9	12	4	6	10	2	5	7	3	4	7	...	1	1	4	2	6	3	...	3	1	7	8	3	8	11	3	8	11
Calm				5	3	8	4	3	7	3	1	4	1	2	3	...	5	5	...	2	2	1	1	2	3	4	7	4	2	6	6	2	8	5	6	11
Variable				...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	?			46			39			18			41			46			44			22			13			48			30			17		
Resultant Direction				N. 51° W.			N. 88° W.			S. 76° W.			S. 82° W.			S. 83° W.			S. 33° E.			S. 15° W.			S. 70° W.			S. 69° W.			N. 70° W.			N. 59° E.		
Mean diurnal velocity of wind in miles	94·6			121·6			142·4			114·9			168·4			?			169·9			114·6			99·8			75·0			59·0			69·7		
Average Resultant Percentage	17			27			27			28			18			31			19			16			19			32			24			21		
Average Resultant Direction (9-10 Years.)	N. 23° W.			N. 28° W.			N. 35° W.			N. 78° W.			N. 83° W.			S. 88° W.			S. 3° W.			S. 32° W.			N. 79° W.			N. 76° W.			N. 59° W.			N. 33° W.		
Average diurnal velocity of wind in miles (11-12 Years.)	63·2			82·7			90·0			96·8			115·0			123·8			114·0			111·1			86·4			61·0			47·9			53·0		

TABLE IX.—DIRECTION AND MEAN MOVEMENT OF WINDS IN 1887.

20.—CHAKRATA (*2 observations daily*).

	January.			February.			March.			April.			May.			June.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	2	1	3	1	...	1	1	...	1	2	1	3	...	1	1	...	...	...
North-East	5	2	7	3	...	3	2	2	4	2	...	2	1	1	2	...	...	...
East	13	4	17	10	1	11	18	1	19	5	3	8	1	1	2	6	4	10
South-East	...	...	...	2	...	2	1	...	1	...	...	...	2	...	2	...	...	...
South	1	1	2	3	1	4	2	...	2	2	...	2	2	6	8	1	1	2
South-West	...	5	5	2	5	7	1	6	7	4	8	12	7	10	17	4	10	14
West	6	13	19	5	21	26	3	21	24	12	16	28	14	12	26	16	15	31
North-West	1	1	2	...	...	...	...	1	1	1	2	3	...	...	...	1	...	1
Calm	3	4	7	2	...	2	3	...	3	2	...	2	4	...	4	2	...	2
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	7			32			43			49			62			56		
Resultant { Direction	N. 28° W.			S. 66° W.			S. 66° W.			S. 82° W.			S. 60° W.			S. 71° W.		
Mean diurnal velocity of wind in miles	115·5			131·3			191·0			184·8			145·7			139·7		
Average Resultant { Percentage	9			3			8			19			29			50		
Average Resultant { Direction 14-15 Years.	S. 66° W.			S. 54° E.			S. 56° W.			S. 68° W.			S. 63° W.			S. 73° W.		
Average diurnal velocity of wind in miles 15-16 Years.	116·0			130·0			142·3			145·7			144·1			136·1		

	July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	3	4	2	...	2	...	1	1	...	...	...	...	...	...	...	...	...
North-East	4	1	5	1	...	1	3	1	4	3	...	3	2	...	2	...	...	...
East	4	1	5	3	2	5	3	4	7	3	...	3	8	...	8	14	...	14
South-East	...	...	...	...	...	...	4	...	4	1	...	1	2	...	2	5	...	5
South	1	3	4	3	1	4	1	...	1	...	...	...	1	...	1	...	...	...
South-West	1	1	2	1	5	6	4	5	9	4	11	15	4	15	19	3	12	15
West	13	22	35	19	21	40	12	19	31	7	18	25	3	14	17	8	16	24
North-West	1	...	1	1	2	3	2	...	2	...	1	1	...	...	...	...	2	2
Calm	6	...	6	1	...	1	1	...	1	13	1	14	9	...	9	1	1	2
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	46			66			44			51			42			36		
Resultant { Direction	N. 84° W.			S. 85° W.			S. 79° W.			S. 74° W.			S. 54° W.			S. 55° W.		
Mean diurnal velocity of wind in miles	90·8			77·0			102·3			96·6			91·5			98·3		
Average Resultant { Percentage	42			43			36			30			28			14		
Average Resultant { Direction 15 Years.	S. 71° W.			S. 73° W.			S. 74° W.			S. 64° W.			S. 55° W.			S. 55° W.		
Average diurnal velocity of wind in miles 15-16 Years.	111·0			103·4			111·6			121·6			107·3			101·9		

TABLE IX.—DIRECTION AND MEAN MOVEMENT OF WINDS IN 1887.

21.—MUSSOOREE (*4 observations daily*).

	January.					February.					March.					April.					May.					June.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	6	4	1	4	15	9	5	1	7	22	12	3	...	7	22	14	6	1	9	30	10	5	...	9	24	6	2	2	8	18
North-East	9	5	2	5	21	9	6	...	5	20	11	8	1	7	27	10	6	4	5	25	11	3	...	4	18	7	3	2	8	20
East	5	1	1	2	9	...	4	...	1	5	2	7	...	2	11	...	1	...	...	1	...	3	...	1	4	1	5	...	...	6
South-East	3	7	2	4	16	2	2	1	1	6	2	4	4	3	13	1	3	2	1	7	...	1	2	...	3	1	2	2	1	6
South	6	9	22	10	47	4	7	24	3	38	2	7	24	4	37	1	11	18	1	31	3	16	23	7	49	8	11	17	8	44
South-West	1	1	2	2	6	1	1	...	3	5	1	2	2	1	6	2	1	5	5	13	4	2	6	6	18	3	4	6	4	17
West	...	1	1	1	3	1	1	1	3	6	...	...	...	4	4	1	...	...	2	3	2	1	...	3	6	2	2	...	...	4
North-West	...	3	...	2	5	1	1	1	3	6	1	...	...	2	3	1	2	...	7	10	1	...	...	1	2	2	1	1	1	5
Calm	1	...	...	1	2	1	1	...	2	4	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	..	...	...	...
Resultant { Percentage	31					10					24					9					21					21				
Resultant { Direction	S. 40° E.					S. 61° E.					S. 76° E					N. 24° E.					S. 3° W.					S. 11° E.				
Mean diurnal velocity of wind in miles	219·6					241·8					254·5					254·0					283·7					244·7				
Average Resultant { Percentage	?					?					?					?					12					26				
Average Resultant { Direction	?					?					?					?					S. 33° E.					S. 6° E.				
8-10 Years. Average diurnal velocity of wind in miles 10 Years.	?					?					?					?					296·2					260·4				

	July.					August.					September.					October.					November.					December.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	1	3	2	2	8	2	2	1	2	7	4	6	...	7	17	5	2	...	6	13	7	5	...	8	20	10	3	...	10	23
North-East	4	3	1	5	13	1	3	2	1	7	5	5	2	6	18	10	2	...	9	21	13	4	...	10	27	9	2	...	12	23
East	1	2	1	1	5	1	1	..	3	5	3	4	...	1	8	3	1	...	1	5	3	3	....	2	8	2	4	...	2	8
South-East	4	8	2	1	15	3	6	..	3	12	5	7	2	2	16	4	9	...	...	13	3	4	...	3	10	4	5	1	2	12
South	10	9	16	13	48	15	14	18	12	59	4	6	21	7	38	2	10	27	6	45	2	13	28	5	48	4	14	28	2	48
South-West	6	4	9	7	26	6	5	8	8	27	2	1	4	3	10	2	3	4	3	12	1	1	1	1	4	1	1	2	1	5
West	3	2	...	2	7	2	...	...	...	2	2	1	...	1	4	...	1	...	2	3	1	...	1	1	3	...	1	...	...	1
North-West	2	...	...	...	2	1	...	2	...	3	3	...	...	1	4	...	...	...	...	...	...	...	...	...	...	1	1	...	1	3
Calm	...	...	...	...	...	...	..	...	2	2	2	...	1	2	5	5	2	...	4	11	...	...	...	...	...	...	...	...	1	1
Variable	...	...	...	...	...	...	...	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	47					59					25					32					28					26				
Resultant { Direction	S. 2° W.					S. 4° W.					S. 37° E.					S. 27° E.					S. 56° E.					S. 54° E.				
Mean diurnal velocity of wind in miles	173·9					142·6					148·2					167·1					189·9					188·0				
Average Resultant { Percentage	29					30					20					10					...					...				
Average Resultant { Direction	S.					S. 10° E.					S. 19° E.					S. 46° E.					?					?				
8-10 Years. Average diurnal velocity of wind in miles 8-11 Years.	209·6					195·5					194·6					203·2					?					?				

22.—DEHRA (*4 observations daily*).

	JANUARY.					FEBRUARY.					MARCH.					APRIL.					MAY.					JUNE.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	1	2	1	...	4	3	4	1	...	8	4	6	2	1	13	3	3	...	2	8	1	2	...	...	3	5	4	5	9	23
North-East	1	1	1	...	3	...	...	...	...	...	3	1	...	1	5	2	2	1	2	7	3	3	...	1	7	6	6	1	4	17
East	2	2	1	2	7	...	...	...	...	...	4	4	...	3	11	3	2	2	3	10	2	1	...	1	4	4	6	1	3	14
South-East	6	5	6	6	23	...	1	...	...	1	3	3	3	3	12	2	4	2	2	10	...	1	...	1	2	6	4	1	2	13
South	...	...	...	...	...	1	...	1	2	4	3	5	8	4	20	3	2	2	2	9	1	2	3	1	7	1	3	5	2	11
South-West	4	6	8	4	22	4	5	8	6	23	2	1	6	2	11	2	2	8	3	15	5	9	11	9	34	1	1	2	...	4
West	8	7	10	9	34	10	8	7	11	36	6	7	6	9	28	6	7	9	9	31	6	6	10	9	31	1	1	4	1	7
North-West	1	1	...	1	3	5	6	9	7	27	3	4	6	6	19	8	8	6	7	29	9	7	7	9	32	2	1	8	4	15
Calm	8	7	4	9	28	3	1	...	...	4	3	...	...	2	5	1	...	...	...	1	4	...	...	...	4	4	4	3	5	16
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant (Percentage)	28					69					22					34					54					23				
Resultant (Direction)	S. 48° W.					N. 85° W.					S. 76° W.					N. 80° W.					S. 88° W.					N. 33° E.				
Mean diurnal velocity of wind in miles	29·5					48·9					61·8					65·0					62·1					43·6				
Average Resultant (Percentage)	17					19					25					21					17					12				
Average Resultant (Direction)	S. 75° W.					S. 85° W.					N. 78° W.					N. 79° W.					S. 76° W.					S. 66° W.				
14-15 Years. Average diurnal velocity of wind in miles 10-12 Years.	42·6					48·4					54·5					61·6					58·9					38·9				

	JULY.					AUGUST.					SEPTEMBER.					OCTOBER.					NOVEMBER.					DECEMBER.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	2	5	4	3	14	...	...	...	...	...	4	5	2	2	13	7	6	4	8	25	3	3	1	2	9	2	3	1	4	10
North-East	1	1	...	1	3	...	...	...	...	...	1	1	...	1	3	4	5	1	1	11	...	...	...	...	...	2	1	...	1	4
East	...	4	3	1	8	1	2	...	1	4	1	2	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South-East	2	2	1	1	6	2	5	6	1	14	...	1	1	1	3	1	1	...	1	3	...	...	...	...	...	1	...	...	1	2
South	2	7	5	2	16	4	7	10	5	26	3	3	4	1	11	3	4	4	3	14	2	...	2	4	8	...	1	2	1	4
South-West	...	3	5	1	9	2	4	3	2	11	1	1	4	...	6	4	3	4	6	17	4	8	6	8	26	5	2	5	8	20
West	...	3	5	1	9	2	3	5	3	13	3	6	4	3	16	5	4	6	4	19	3	6	7	6	22	...	1	1	2	4
North-West	1	2	4	1	8	2	2	2	...	6	9	7	12	11	39	2	2	7	3	14	3	4	6	8	21	...	2	9	1	12
Calm	23	3	4	20	50	15	5	2	16	38	7	3	2	10	22	1	2	1	1	5	14	8	6	1	29	14	14	6	6	40
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant (Percentage)	7					37					41					32					48					23				
Resultant (Direction)	S. 54° W.					S. 16° W.					N. 58° W.					N. 65° W.					S. 87° W.					N. 86° W.				
Mean diurnal velocity of wind in miles	21·6					18·8					28·8					40·3					29·1					19·1				
Average Resultant (Percentage)	10					10					18					19					18					16				
Average Resultant (Direction)	S. 37° W.					S. 43° W.					N. 80° W.					N. 38° W.					N. 76° W.					N. 73° W.				
15 Years. Average diurnal velocity of wind in miles 12-13 Years.	28·8					25·8					27·0					39·7					41·2					40·3				

TABLE IX.—DIRECTION AND MEAN MOVEMENT OF WINDS IN 1887.

23.—ROORKEE (*4 observations daily*).

	JANUARY.					FEBRUARY.					MARCH.					APRIL.					MAY.					JUNE.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	1	2	1	...	4	8	8	10	7	33	5	4	9	5	23	2	7	15	8	32	5	5	9	7	26	1	4	2	1	8
North-East	...	2	2	1	5	3	5	5	2	15	1	1	2	1	5	2	2	1	2	7	1	2	...	1	4	2	2	...	1	5
East	1	2	3	2	8	1	...	...	...	1	...	2	1	1	4	1	...	1	...	2	1	1	...	...	2	2	2	4	1	9
South-East	1	2	2	1	6	...	1	1	2	4	2	2	2	1	7	...	2	3	2	7	3	3	...	1	7	8	12	4	4	28
South	1	...	3	2	6	...	2	4	...	6	5	7	9	3	24	1	4	1	3	9	2	8	5	3	18	1	4	7	2	14
South-West	1	1	...	...	2	...	1	...	...	1	...	3	4	2	9	1	5	4	...	10	4	6	7	4	21	...	1	5	2	8
West	...	1	4	2	7	1	1	1	2	5	...	1	1	...	2	...	2	3	1	6	2	1	5	3	11	1	...	3	2	6
North-West	6	7	9	4	26	2	3	5	2	12	1	1	2	...	4	2	1	2	1	6	2	2	5	2	11	5	3	5	4	17
Calm	19	13	6	19	57	13	7	1	13	34	17	10	1	18	46	21	6	...	13	40	11	3	...	10	24	8	1	...	13	22
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	15					38					5					18					19					15				
Resultant { Direction	N. 38° W.					N.					S. 12° E.					N. 15° W.					S. 87° W.					S. 29° E.				
Mean diurnal velocity of wind in miles	36·0					63·3					84·3					72·4					92·9					86·2				
Average Resultant { Percentage	16					23					23					10					6					11				
Average Resultant { Direction (15 Years.)	N. 72° W.					N. 52° W.					N. 58° W.					N. 73° W.					S. 68° W.					S. 4° E.				
Average diurnal velocity of wind in miles (16-17 Years.)	151·6					67·8					70·4					75·8					88·2					93·9				

	JULY.					AUGUST.					SEPTEMBER.					OCTOBER.					NOVEMBER.					DECEMBER.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	1	1	1	1	4	1	3	3	...	7	...	7	10	2	19	...	5	10	2	17	1	3	3	1	8	1	...	4	2	7
North-East	1	1	2	2	6	1	3	1	...	5	1	2	1	3	7	...	...	...	...	...	...	...	1	...	1	...	2	...	...	2
East	1	5	2	1	9	...	2	1	...	3	2	2	1	...	5	...	...	...	...	...	...	3	2	1	6	...	1	1	...	2
South-East	10	15	11	7	43	1	6	8	1	16	1	...	1	1	3	1	3	4	1	9	...	2	2	...	4	1	4	7	...	12
South	1	1	4	1	7	1	2	1	2	6	1	1	2	...	4	3	7	5	3	18	1	1	...	...	2	...	...	...	1	1
South-West	...	...	1	1	2	1	2	1	2	6	...	...	1	...	1	4	6	4	...	14	...	...	...	...	...	...	...	...	...	...
West	1	1	3	1	6	3	5	6	3	17	...	1	1	...	2	...	...	1	...	1	...	4	...	...	...	1	3	5	1	10
North-West	1	2	2	1	6	1	1	2	2	6	...	4	8	1	13	...	2	2	1	5	...	4	3	1	8	...	3	5	2	10
Calm	14	5	3	13	35	21	6	8	21	56	25	13	5	23	66	23	8	5	24	60	28	17	19	27	91	28	18	9	25	80
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	35					8					22					13					9					7				
Resultant { Direction	S. 51° E.					S. 48° W.					N.					S. 30° W.					N. 22° E.					N. 41° W.				
Mean diurnal velocity of wind in miles	56·4					42·8					30·2					24·0					11·9					19·0				
Average Resultant { Percentage	33					27					9					11					28					11				
Average Resultant { Direction (15 Years.)	S. 39° E.					S. 36° E.					S. 6° E.					S. 27° E.					S. 36° W.					N. 82° W.				
Average diurnal velocity of wind in miles (16-17 Years.)	70·6					59·8					48·8					33·5					27·4					31·9				

TABLE IX.—DIRECTION AND MEAN MOVEMENT OF WINDS IN 1887.

24.—RANIKHET (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	...	...	...	...	...	...	...	...	1	...	1	..	...	...	1	...	1	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North-East	...	...	...	...	...	...	...	...	...	1	1	2	...	1	1	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	3	2	...	2
East	2	1	3	2	1	3	...	1	1	1	...	1	...	...	...	2	1	3	6	3	9	2	...	2	...	3	3	3	1	4	2	2	4	2	1	3
South-East	...	1	1	...	...	...	1	1	2	...	1	1	2	...	2	2	...	2	2	2	4	1	...	1	...	...	...	...	...	...	4	...	4	3	...	3
South	...	2	2	1	1	2	...	...	...	...	3	3	...	...	...	2	1	3	1	3	4	...	3	3	...	...	...	...	...	...	3	...	3	2	...	2
South-West	2	6	8	...	9	9	5	15	20	6	13	19	8	12	20	7	10	17	3	5	8	...	4	4	...	8	8	2	9	11	5	6	11	8	16	24
West	...	3	3	...	7	7	1	10	11	5	7	12	11	14	25	6	15	21	...	3	3	...	1	1	1	5	6	...	8	8	4	14	18	4	8	12
North-West	...	...	...	...	...	...	...	1	1	...	2	2	...	1	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
Calm	27	18	45	25	10	35	24	3	27	16	3	19	10	3	13	9	3	12	19	13	32	28	23	51	29	14	43	26	13	39	8	7	15	10	5	15
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	16			24			45			45			65			55			18			11			17			23			35			48		
Resultant { Direction	S. 31° W.			S. 51° W.			S. 58° W.			S. 61° W.			S. 69° W.			S. 63° W.			S. 17° E.			S. 10° W.			S. 57° W.			S. 57° W.			S. 56° W.			S. 51° W.		
Mean diurnal velocity of wind in miles	13·8			13·2			33·1			50·5			78·3			71·1			39·5			18·1			23·0			?			62·1			67·0		
Average Resultant { Percentage	17			24			44			47			46			49			25			33			39			55			35			22		
Average Resultant { Direction, 14-15 Years.	S. 70° W.			S. 55° W.			S. 56° W.			S. 62° W.			S. 63° W.			S. 65° W.			S. 65° W.			S. 59° W.			S. 52° W.			S. 54° W.			S. 52° W.			S. 54° W.		
Average diurnal velocity of wind in miles. 9-10 Years.	32·9			46·9			61·5			72·4			78·9			76·6			51·2			46·4			45·3			41·0			29·4			32·3		

25.—PITHORAGARH (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	...	1	...	...	...	1	...	1	1	...	1	1	...	1	...	1	1	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...
North-East	8	4	12	9	2	11	7	5	12	2	2	4	1	1	2	1	9	10	6	1	7	6	5	11	7	2	9	4	1	5	1	1	2	1	1	2
East	..	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	...	1	5	1	6	...	...	...	2	...	2	3	...	3	4	...	4	7	...	7
South-East	10	7	17	6	17	23	10	19	29	9	14	23	7	10	17	3	2	5	3	4	7	6	1	7	7	1	8	7	3	10	2	5	7	2	4	6
South	...	...	...	...	...	...	1	...	1	2	6	8	4	5	9	4	6	10	3	5	8	4	2	6	4	5	9	8	4	12	...	10	10	2	13	15
South-West	1	7	8	1	7	8	...	4	4	1	3	4	3	9	12	1	6	7	3	10	13	3	8	11	1	13	14	...	18	18	...	9	9	...	8	8
West	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	...	...	...	...	1	1	...	...	...	..	...	...	...	...	...	...	...	...
North-West	...	2	2	...	...	...	...	2	2	1	2	3	..	...	...	...	...	...	...	...	...	...	1	1	...	1	1	...	1	1	...	...	...	1	...	1
Calm	11	11	22	12	2	14	12	1	13	14	3	17	15	5	20	19	5	24	11	10	21	12	13	25	9	8	17	9	4	13	23	5	28	18	5	23
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...
Resultant { Percentage	24			41			45			42			45			19			30			17			30			44			34			38		
Resultant { Direction	S. 63° E.			S. 52° E.			S. 62° E.			S. 34° E.			S. 12° E.			S. 24° E.			S. 21° E.			S. 22° E.			S. 11° E.			S.			S. 11° E.			S. 15° E.		
Mean diurnal velocity of wind in miles	62·5			80·9			96·9			103·2			87·9			61·9			55·3			44·4			55·0			58·5			44·9			44·5		
Average Resultant { Percentage	13			20			28			35			34			26			20			27			36			34			38			28		
Average Resultant { Direction, 6 Years.	S. 44° E.			S. 39° E.			S. 41° E.			S. 27° E.			S. 15° E.			S. 20° E.			S. 28° E.			S. 13° E.			S. 15° E.			S. 20° E.			S 20° E.			S. 46° E.		
Average diurnal velocity of wind in miles. 6-7 Years.	49·8			61·2			71·3			86·3			87·3			68·8			53·2			52·1			63·1			57·5			38·7			47·3		

26.—MEERUT (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	...	1	2	1	3	2	...	2	1	...	1	2	1	3	4	2	6	2	1	3	...	...	...	3	1	4	2	1	3	...	...	...	1	1	2
North-East	6	3	9	...	...	...	1	...	1	3	1	4	1	3	4	1	2	3	1	...	1	1	2	3	1	...	1	1	...	1	2	..	2	...	..	...
East	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	1	3	4	2	1	3	...	2	2	...	...	...	...	...	...	...	...	...
South-East	4	3	7	3	2	5	12	8	20	5	3	8	13	4	17	12	6	18	15	13	28	12	10	22	2	3	5	7	1	8	2	1	3	9	2	11
South	...	2	2	...	...	...	1	2	3	1	...	1	...	...	...	1	...	1	2	1	3	...	1	1	2	1	3	...	...	...	...	...	...	..	...	...
South-West	...	...	...	...	...	...	...	2	2	5	1	6	1	2	3	1	..	1	1	2	3	1	...	1	...	1	1	1	...	1	...	...	...	...	...	...
West	1	1	2	1	1	2	1	...	1	1	...	1	...	...	...	...	1	1	...	...	...	2	...	2	...	...	...	...	...	...	...	...	...	.	...	...
North-West	15	16	31	21	22	43	13	15	28	8	21	29	13	11	24	8	13	21	5	7	12	2	5	7	15	19	34	13	9	22	16	13	29	17	15	32
Calm	4	6	10	1	2	3	1	4	5	6	4	10	1	10	11	3	6	9	4	4	8	11	12	23	7	3	10	7	20	27	10	16	26	4	13	17
Variable	...	...	...	...	...	...	..	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	.	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	41			74			13			36			16			15			30			27			47			26			44			36		
Resultant { Direction	N. 29° W.			N. 44° W.			N. 62° W.			N. 52° W.			N. 26° W.			N. 11° W.			S. 48° E.			S. 52° E.			N. 41° W.			N. 38° W.			N. 41° W.			N. 41° W.		
Mean diurnal velocity of wind in miles	47·2			72·2			84·6			54·2			56·5			48·8			50·7			27·8			40·7			33·0			26·6			28·9		
Average Resultant { Percentage	45			52			44			44			24			22			23			5			17			40			46			50		
Average Resultant { Direction (15 Years.)	N. 49° W			N. 54° W.			N. 51° W.			N. 53° W.			N. 32° W.			N. 26° W.			S. 86° E.			N. 80° E.			N. 34° W.			N. 48° W.			N. 50° W.			N. 52° W.		
Average diurnal velocity of wind in miles. 13-15 Years.	50·5			62·6			64·7			57·1			62·6			61·5			55·5			50·9			50·2			34·4			30·7			38·8		

27.—BAREILLY (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	...	1	4	...	4	...	...	...	...	...	...	1	..	1	...	2	2	...	1	1	...	...	...	...	1	1	...	1	1	3	1	4	1	1	2
North-East	4	4	8	3	...	3	6	1	7	1	1	2	2	...	2	2	4	6	...	...	...	2	...	2	5	4	9	9	9	18	3	...	3	2	...	2
East	...	2	2	...	...	...	...	2	2	...	1	1	...	...	..	...	...	...	2	..	2	2	1	3	..	1	1	1	...	1	...	...	...	...	...	...
South-East	6	3	9	3	4	7	11	4	15	9	2	11	16	2	18	19	9	28	20	18	38	21	20	41	7	6	13	9	7	16	...	2	2	5	3	8
South	1	...	1	.	...	..	1	2	3	1	...	1	1	1	2	...	1	1	...	1	1	...	1	1	...	...	...	.	...	...	1	...	1	...	...	..
South-West	3	4	7	3	5	8	2	9	11	2	6	8	4	17	21	3	8	11	4	7	11	3	6	9	5	4	9	5	4	9	12	11	23	2	4	6
West	...	1	1	2	5	7	...	4	4	3	2	5	...	...	..	1	1	2	1	1	2	...	1	1	4	3	7	...	3	3	4	2	6	2	1	3
North-West	16	17	33	13	14	27	11	9	20	14	18	32	7	11	18	5	5	10	4	3	7	3	2	5	9	11	20	7	7	14	7	12	19	8	12	20
Calm	...	...	...	...	...	...	...	...	...	...	..	...	...	...	..	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	..	2	2	11	10	21
Variable	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...
Resultant { Percentage	38			51			14			42			32			28			53			62			21			13			54			26		
Resultant { Direction	N. 41° W.			N. 59° W.			S. 75° W.			N. 67° W.			S. 43° W.			S. 25° E.			S. 25° E.			S. 36° E.			N. 61° W.			N. 44° E.			N. 88° W.			N. 62° W.		
Mean diurnal velocity of wind in miles	73·2			107·7			129·1			113·0			131·6			112·7			120·2			97·2			66·8			47·2			41·7			67·9		
Average Resultant { Percentage	39			43			44			38			2			15			31			16			8			23			42			45		
Average Resultant { Direction (15 Years.	N. 55° W.			N. 62° W.			N. 55° W.			N. 57° W.			N. 66° W.			S. 84° E.			S. 61° E.			S. 56° E.			N. 75° E.			N. 59° W.			N. 56° W.			N. 60° W.		
Average diurnal velocity of wind in miles. 15-17 Years.	66·5			96·2			103·1			107·7			124·1			117·0			98·8			85·4			71·2			45·9			41·8			52·5		

28.—AGRA (*2 observations daily*).

	January.			February.			March.			April.			May.			June.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	2	2	4	...	...	...	2	1	3	3	5	8	1	4	5	3	3	6
North-East	1	4	5	...	...	...	...	2	2	...	...	...	1	1	2	6	4	10
East	9	6	15	1	...	1	2	1	3	2	1	3	1	2	3	2	6	8
South-East	2	1	3	1	1	2	4	3	7	2	1	3	1	...	1	...	1	1
South	1	1	2	..	...	...	3	...	3	4	1	5	6	3	9	...	2	2
South-West	1	1	2	4	3	7	3	5	8	3	2	5	2	1	3	5	2	7
West	12	3	15	13	5	18	12	4	16	8	5	13	12	7	19	7	4	11
North-West	2	13	15	7	19	26	3	15	18	6	15	21	7	13	20	6	8	14
Calm	1	...	1	2	...	2	2	...	2	2	...	2	...	...	...	1	...	1
Variable	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...
Resultant (Percentage)	23			73			41			48			51			31		
Resultant (Direction)	N. 27° W.			N. 73° W.			N. 82° W.			N. 65° W.			N. 74° W.			N. 33° W.		
Mean diurnal velocity of wind in miles	80·9			91·3			110·5			78·8			134·0			?		
Average Resultant (Percentage) 15 Years	35			38			39			44			30			28		
Average Resultant (Direction) 15 Years	N. 64° W.			N. 75° W.			N. 70° W.			N. 84° W.			N. 72° W.			N. 60° W.		
Average diurnal velocity of wind in miles 14-15 Years.	82·9			96·8			108·7			112·1			140·9			137·3		

	July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	7	3	10	2	2	4	1	2	3	1	5	6	...	1	1	3	6	9
North-East	2	3	5	3	6	9	...	2	2	1	2	3	...	1	1	1	1	2
East	8	6	14	8	2	10	3	...	3	7	2	9	...	...	...	3	2	5
South-East	...	4	4	2	7	9	3	1	4	1	1	2	1	2	3	4	1	5
South	2	1	3	1	...	1	3	...	3	...	...	...	3	1	4	3	1	4
South-West	2	3	5	2	1	3	1	1	2	3	...	3	...	1	1.	...	...	...
West	4	4	8	9	5	14	14	7	21	12	3	15	10	2	12	8	7	15
North-West	6	7	13	1	8	9	4	17	21	2	17	19	5	19	24	4	12	16
Calm	...	...	...	3	...	3	1	...	1	4	1	5	11	3	14	5	1	6
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant (Percentage)	22			12			53			41			49			35		
Resultant (Direction)	N. 2° W.			N. 2° E.			N. 68° W.			N. 45° W.			N. 66° W.			N. 49° W.		
Mean diurnal velocity of wind in miles	?			94·6			93·0			70·8			46·9			46·7		
Average Resultant (Percentage) 15 Years.	13			10			13			40			36			28		
Average Resultant (Direction) 15 Years.	N. 63° E.			S. 22° E.			N. 26° W.			N. 78° W.			N. 81° W.			N. 64° W.		
Average diurnal velocity of wind in miles 14-15 Years.	120·2			105·6			98·7			71·9			59·1			61·4		

29.—LUCKNOW (*4 observations daily*).

	JANUARY.					FEBRUARY.					MARCH.					APRIL.					MAY.					JUNE.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	7	7	10	9	33	8	9	8	9	34	7	6	8	6	27	10	7	7	9	33	7	6	7	7	27	9	6	6	7	28
North-East	3	3	4	3	13	4	5	5	5	19	2	4	3	2	11	2	4	4	2	12	1	...	2	1	4	3	4	5	4	16
East	1	1	1	...	3	1	...	1	...	2	2	1	3	1	7	1	1	1	1	4	...	2	...	...	2	2	3	2	...	7
South-East	3	3	3	3	12	...	1	...	...	1	1	1	1	2	5	1	4	3	2	10	1	2	1	1	5	2	3	...	1	6
South	3	4	2	2	11	...	...	...	...	...	1	2	1	3	7	3	3	3	2	11	3	3	3	2	11	1	3	2	1	7
South-West	1	2	1	1	5	1	1	...	1	3	2	2	3	3	10	5	2	3	4	14	3	2	5	4	14	3	3	4	2	12
West	2	3	...	1	6	...	1	2	2	6	8	7	5	5	25	2	4	2	3	11	5	3	3	4	15	4	2	5	6	17
North-West	4	4	10	5	23	11	11	12	10	44	6	7	7	6	26	4	5	7	5	21	11	13	10	10	44	5	6	5	4	20
Calm	7	4	...	7	18	2	...	...	1	3	2	1	...	3	6	2	...	...	2	4	...	...	...	2	2	1	...	1	5	7
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	29					71					39					27					48					32				
Resultant { Direction	N. 8° W.					N. 17° W.					N. 42° W.					N. 30° W.					N. 53° W.					N. 27° W.				
Mean diurnal velocity of wind in miles	81·1					125·5					137·2					137·3					129·1					111·9				
Average Resultant { Percentage	41					44					49					44					15					17				
Average Resultant { Direction 14-15 Years.	N. 57° W.					N. 58° W.					N. 54° W.					N. 53° W.					N. 15° E.					N. 51° E.				
Average diurnal velocity of wind in miles 14-16 Years.	57·2					78·2					97·0					106·1					102·3					101·8				

	JULY.					AUGUST.					SEPTEMBER.					OCTOBER.					NOVEMBER.					DECEMBER.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	7	7	9	9	32	7	8	4	6	25	5	8	5	6	24	10	12	14	14	50	6	8	7	7	28	11	10	8	8	37
North-East	8	8	5	7	28	3	2	5	3	13	2	2	3	2	9	3	2	2	2	9	3	2	4	2	11	5	4	2	3	14
East	2	4	1	3	10	...	1	1	2	4	1	3	1	...	5	...	1	...	...	1	...	2	...	...	2	...	...	...	...	..
South-East	1	2	2	1	6	3	2	3	2	10	1	1	...	1	3	1	1	1	1	4	1	1	...	1	3	...	...	...	...	...
South	...	1	2	1	4	4	4	2	3	13	1	1	1	...	3	...	...	...	...	...	1	1	...	1	3	...	...	...	...	...
South-West	1	1	2	...	4	3	4	3	1	11	...	2	3	1	6	1	1	1	1	4	...	...	...	1	1	...	...	...	...	...
West	2	2	3	2	9	2	3	3	2	10	1	4	3	2	10	2	1	1	2	6	2	2	1	...	5	...	1	1	1	3
North-West	4	3	6	4	17	7	5	7	7	26	9	7	9	9	34	5	8	3	5	21	4	4	6	6	20	7	3	6	5	21
Calm	6	3	1	4	14	2	1	3	4	10	10	2	5	9	26	9	5	9	6	29	13	10	12	12	47	8	13	14	14	49
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	43					24					43					54					37					50				
Resultant { Direction	N. 11° E.					N. 33° W.					N. 29° W.					N. 12° W.					N. 10° W.					N. 7° W.				
Mean diurnal velocity of wind in miles	112·6					97·4					79·4					54·6					39·0					43·7				
Average Resultant { Percentage	18					12					14					39					46					49				
Average Resultant { Direction 14-15 Years.	N. 85° E.					S. 77° E.					N. 1° E.					N. 30° W.					N. 45° W.					N. 53° W.				
Average diurnal velocity of wind in miles 14-16 Years.	93·7					72·4					67·9					46·5					34·0					39·9				

30.—GORAKHPUR (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	1	2	...	...	...	2	2	4	1	1	2	...	...	...	5	2	7	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North-East	...	...	...	...	...	...	1	2	3	3	...	3	5	2	7	3	3	6	3	3	6	1	...	1	...	1	1	1	1	2	...	...	...	...	...
East	5	4	9	5	...	5	9	2	11	11	6	17	18	13	31	13	9	22	12	11	23	11	12	23	9	4	13	8	8	16	...	...	...	...	...
South-East	1	...	1	...	...	...	1	...	1	2	2	4	3	...	3	1	...	1	1	3	4	2	...	2	...	1	1	1	...	1	...	...	...	...	...
South	2	2	4	1	...	1	1	...	1	2	...	2	...	...	...	1	...	1	1	...	1	1	...	1	...	...	...	2	3	5	...	...	...	1	1
South-West	1	1	2	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	1	3	4	5	9	1	1	2
West	16	10	26	13	18	31	14	13	27	3	10	13	1	8	9	...	2	2	2	3	5	1	...	1	10	8	18	5	9	14	19	18	37	19	19	38
North-West	2	1	3	1	...	1	1	3	4	...	2	2	...	1	1	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	1	3	4	4	6	10
Calm	3	12	15	8	10	18	2	8	10	8	9	17	4	7	11	7	13	20	12	10	22	15	19	34	11	15	26	12	9	21	6	4	10	7	4	11
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	32			48			29			13			46			44			40			39			7			11			77			75		
Resultant Direction	S. 84° W.			S. 89° W.			N. 69° W.			N. 85° E.			N. 83° E.			N. 67° E.			N. 87° E.			S. 86° E.			S. 81° W.			S. 17° E.			S. 86° W.			N. 84° W.		
Mean diurnal velocity of wind in miles	30·5			40·0			64·7			48·1			67·7			51·4			43·8			29·7			33·2			50·0			31·5			27·9		
Average Resultant Percentage (15 Years.)	45			44			39			22			28			52			52			38			32			17			47			52		
Average Resultant Direction (15 Years.)	S. 85° W.			N. 84° W.			N. 81° W.			N. 67° W.			S. 82° E.			S. 74° E.			S. 69° E.			S. 62° E.			S. 70° E.			N. 83° W.			N. 79° W.			N. 86° W.		
Average diurnal velocity of wind in miles (6-9 Years.)	40·4			54·7			87·0			104·4			93·8			86·6			66·8			54·7			50·2			31·8			21·9			20·8		

31.—JHANSI (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	1	1	2	...	2	3	4	7	3	1	4	2	4	6	...	2	2	1	2	3	1	...	1	3	...	3	...	...	...	5	...	5	3	1	4
North-East	7	5	12	...	2	2	1	1	2	4	...	4	1	1	2	2	7	9	7	9	16	2	3	5	2	5	7	3	2	5	1	...	1	1	1	2
East	2	2	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	1	...	1	1	...	1	...	...	...	4	3	7
South-East	7	6	13	...	1	1	3	4	7	2	1	3	1	...	1	2	1	3	4	2	6	1	1	2	1	...	1	1	1	2	4	2	6	7	4	11
South	1	1	2	1	...	1	2	1	3	3	1	4	3	3	6	2	1	3	2	2	4	4	1	5	2	...	2	6	...	6	1	...	1	5	3	8
South-West	6	8	14	5	7	12	6	3	9	7	11	18	11	12	23	8	6	14	4	5	9	11	16	27	2	3	5	9	11	20	2	1	3	2	3	5
West	...	...	...	1	...	1	1	1	2	...	...	...	...	1	1	1	...	1	2	...	2	3	...	3	7	1	8	4	1	5	3	2	5	1	...	1
North-West	7	7	14	16	16	32	15	16	31	10	15	25	9	10	19	11	10	21	6	9	15	5	5	10	9	16	25	1	4	5	9	7	16	3	1	4
Calm	1	1	2	3	2	5	...	1	1	1	1	2	4	...	4	4	3	7	4	2	6	4	5	9	3	5	8	6	12	18	5	18	23	5	15	20
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	4			61			46			43			46			32			17			45			50			36			28			23		
Resultant Direction	S. 48° E.			N. 62° W.			N. 56° W.			N. 77° W.			S. 86° W.			N. 65° W.			N. 8° W.			S. 60° W.			N. 49° W.			S. 49° W.			N. 54° W.			S. 39° E.		
Mean diurnal velocity of wind in miles	68·3			67·2			96·2			109·2			97·3			123·3			56·9			86·1			38·2			33·4			10·2			?		
Average Resultant Percentage (14-15 Years.)	26			12			7			28			22			17			26			22			21			19			21			26		
Average Resultant Direction (14-15 Years.)	N. 34° E.			N.			N. 80° W.			S. 78° W.			N. 81° W.			S. 76° W.			S. 49° W.			S. 64° W.			N. 50° W.			N. 30° W.			N. 1° E.			N. 26° E.		
Average diurnal velocity of wind in miles (4-7 Years.)	52·7			65·3			81·0			99·9			114·1			138·1			98·7			92·8			75·9			63·1			43·5			54·6		

TABLE IX.—DIRECTION AND MEAN MOVEMENT OF WINDS IN 1887.

32.—ALLAHABAD (*4 observations daily*).

	JANUARY.					FEBRUARY.					MARCH.				
	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.
North	...	1	6	1	8	2	...	2	1	5	1	1	3	1	6
North-East	1	2	1	2	6	...	...	...	1	1	4	...	1	3	8
East	7	6	3	2	18	2	...	..	1	3	3	6	1	3	13
South-East	1	...	1	2	4	...	..	1	...	1	...	3	1	...	4
South	...	5	...	2	7	1	2	1	...	4	1	4	...	...	5
South-West	2	1	1	2	6	4	1	...	3	8	1	4	1	...	6
West	7	7	7	5	26	12	14	13	8	47	7	3	6	6	22
North-West	2	5	12	4	23	4	6	11	5	26	4	10	18	6	38
Calm	11	4	...	11	26	3	5	...	9	17	10	...	...	12	22
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	21					61					33				
Resultant Direction	N. 56° W.					N. 78° W.					N. 50° W.				
Mean diurnal velocity of wind in miles	81·5					93·6					106·9				
Average Resultant (15 Years.) Percentage	20					25					34				
Average Resultant (15 Years.) Direction	N. 34° W.					N. 66° W.					N. 65° W.				
Average diurnal velocity of wind in miles (12-13 Years.)	45·8					63·9					67·5				

	APRIL.					MAY.					JUNE.				
	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.
North	1	2	9	4	16	2	2	6	1	11	...	1	6	1	8
North-East	1	2	...	2	5	4	2	5	6	17	2	4	5	5	16
East	8	2	2	4	16	11	12	4	10	37	12	8	4	13	37
South-East	2	5	...	2	9	1	3	1	1	6	3	...	2	4	9
South	2	1	...	1	4	1	...	...	...	1	...	...	2	2	4
South-West	2	7	1	...	10	1	...	...	...	1	6	3	1	2	12
West	6	2	4	1	13	3	1	2	1	7	2	4	...	1	7
North-West	2	8	14	6	30	5	10	13	9	37	...	9	10	...	19
Calm	6	1	...	10	17	3	1	...	3	7	5	1	...	2	8
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	23					38					24				
Resultant Direction	N. 33° W.					N. 24° E.					N. 62° E.				
Mean diurnal velocity of wind in miles	88·8					138·0					143·1				
Average Resultant (15 Years.) Percentage	25					20					12				
Average Resultant (15 Years.) Direction	N. 52° W.					N. 8° E.					N. 2° E.				
Average diurnal velocity of wind in miles (12-13 Years.)	76·8					91·2					90·5				

	JULY.					AUGUST.					SEPTEMBER.				
	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.
North	3	3	4	3	13	1	...	3	2	6	1	3	2	1	7
North-East	4	4	1	5	14	3	4	3	6	16	2	2	...	2	6
East	9	8	7	9	33	7	12	8	7	34	6	7	7	7	27
South-East	2	2	6	1	11	4	2	3	2	11	1	2	2	1	6
South	1	5	1	2	9	3	2	3	3	11	...	1	1	...	2
South-West	2	2	2	5	11	3	3	1	3	10	2	...	1	2	5
West	5	4	7	4	20	5	5	4	4	18	8	6	3	9	26
North-West	2	3	3	2	10	...	3	5	..	8	4	9	14	3	30
Calm	3	...	...	...	3	5	...	1	4	10	6	...	...	5	11
Variable	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...
Resultant Percentage	13					18					23				
Resultant Direction	N. 71° E.					S. 83° E.					N. 34° W.				
Mean diurnal velocity of wind in miles	148·4					122·6					110·0				
Average Resultant (15 Years.) Percentage	7					4					11				
Average Resultant (15 Years.) Direction	N. 84° E.					N. 40° E.					N. 42° E.				
Average diurnal velocity of wind in miles (12-14 Years.)	96·9					84·3					69·2				

	OCTOBER.					NOVEMBER.					DECEMBER.				
	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.
North	4	1	3	2	10	2	1	6	1	10	1	...	5	...	6
North-East	1	3	3	1	8	1	2	2	1	6	...	...	...	2	2
East	3	4	4	4	15	2	3	3	1	9	2	1	3	2	8
South-East	1	2	1	1	5	...	1	..	...	1	...	3	...	...	3
South	1	1	...	1	3	1	1	...	...	2	1	4	..	1	6
South-West	1	1	...	4	5	...	2	...	1	3	2	5	...	...	7
West	7	9	5	5	26	7	7	4	2	20	6	6	5	3	20
North-West	6	10	15	5	36	10	13	13	10	46	6	10	17	6	39
Calm	8	...	...	8	16	7	...	2	14	23	13	2	1	17	33
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	35					49					37				
Resultant Direction	N. 45° W.					N. 44° W.					N. 62° W.				
Mean diurnal velocity of wind in miles	74·3					54·8					42·2				
Average Resultant (15 Years.) Percentage	13					21					22				
Average Resultant (15 Years.) Direction	N. 42° W.					N. 65° W					N. 54° W.				
Average diurnal velocity of wind in miles (12-14 Years.)	38·8					30·4					36·1				

33.—BENARES (*2 observations daily*).

	JANUARY.			FEBRUARY.			MAR H.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	2	3	..	...	...	...	3	3	1	3	4	...	3	3	3	...	3	...	1	1	...	1	1	1	2	3	1	...	1	...	...	...	1	...	1
North-East	..	1	1	...	...	...	1	2	3	3	1	4	5	5	10	5	3	8	2	4	6	...	2	2	2	3	5	1	...	1	...	...	...	...	1	1
East	..	4	4	...	.	...	5	2	7	3	1	4	10	4	14	5	8	13	12	7	19	11	10	21	5	4	9	3	2	5	1	2	3	5	1	6
South-East	2	..	2	1	...	1	...	...	...	1	1	2	3	2	5	...	...	...	...	2	2	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...
South	2	...	2	1	...	1	...	...	...	...	...	...	...	...	...	1	1	2	1	1	2	3	5	8	1	1	2	...	...	...	...	...	...	2	...	2
South-West	1	1	2	3	1	4	1	...	1	3	...	3	...	...	..	2	...	2	1	1	2	4	2	6	1	...	1	3	1	4	4	2	6	5	...	5
West	11	19	30	18	23	41	13	19	32	9	19	28	9	12	21	6	6	12	7	7	14	5	7	12	12	10	22	14	13	27	10	10	20	10	16	26
North-West	2	3	5	..	3	3	...	1	1	.	1	1	...	4	4	2	4	6	1	...	1	...	1	1	...	6	6	...	1	1	...	1	1	...	1	1
Calm	12	1	13	5	1	6	11	4	15	10	4	14	4	1	5	6	8	14	7	8	15	7	3	10	7	4	11	9	14	23	15	15	30	8	12	20
Variable	...	...	...		...	...	...	..	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	47			81			40			38			15			16			14			19			26			41			37			38		
Resultant Direction	N. 85° W.			S. 87° W.			N. 78° W.			N. 80° W.			N. 5°-E.			N. 6° E.			N. 83° E.			S. 32° E.			N. 62° W.			S. 89° W.			S. 81° W.			S. 82° W.		
Mean diurnal velocity of wind in miles	85·9			118·6			124·0			123·0			145·3			124·4			126·3			112·0			117·9			91·1			48·2			53·3		
Average Resultant Percentage (15 Years.)	29			40			49			44			23			10			9			11			3			32			42			47		
Average Resultant Direction (15 Years.)	N. 78° W.			N. 88° W.			N. 88° W.			N. 80° W.			N. 43° W.			N. 56° W.			S. 1° W.			S. 49° E.			S. 70° E.			N. 79° W.			N. 84° W.			N. 83° W.		
Average diurnal velocity of wind in miles (16-17 Years.)	69·9			97·4			114·3			121·1			123·9			123·3			114·0			100·5			93·3			62·4			51·4			58·0		

34.—GHAZIPUR (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	...	...	1	..	1	...	.	...	...	...	...	...	1	1	1	...	1	...	...	...	...	...	...	...	2	2	...	...	...	1	...	1	...	...	...
North-East	...	..	...	..	..	...	...	2	2	...	4	4	1	1	2	3	4	7	..	...	...	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...
East	5	3	8	...	2	2	6	7	13	14	5	19	17	17	34	15	15	30	12	11	23	9	8	17	9	6	15	9	6	15	2	...	2	5	2	7
South-East	5	1	6	2	2	4	6	...	6	1	2	3	2	...	2	2	2	4	4	4	8	5	9	14	3	2	5	3	...	3	3	1	4	1	1	2
South	...	...	...	...	...	...	2	1	3	...	..	...	...	...	...	...	...	...	2	...	2	...	...	...	1	1	2	1	...	1	2	...	2	1	...	1
South-West	8	3	11	13	3	16	5	2	7	5	1	6	4	...	4	3	2	5	2	5	7	7	6	13	4	2	6	8	1	9	7	1	8	3	2	5
West	8	18	26	10	21	31	10	15	25	7	16	23	6	10	16	5	4	9	9	10	19	5	4	9	9	9	18	7	17	24	12	18	30	18	22	40
North-West	...	1	1	...	...	...	1	3	4	1	2	3	1	1	2	1	3	4	...	...	...	...	...	...	2	2	4	...	1	1	...	...	...	...	1	1
Calm	5	5	10	2	...	2	1	1	2	2	...	2	...	...	...	...	...	...	2	1	3	4	3	7	2	6	8	3	6	9	3	10	13	3	3	6
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	40			71			26			9			27			38			22			33			14			27			54			58		
Resultant Direction	S. 63° W.			S. 71° W.			S. 61° W.			S. 75° W.			S. 89° E.			N. 84° E.			S. 20° E.			S. 30° E.			S. 53° W.			S. 58° W.			S. 73° W.			S. 82° W.		
Mean diurnal velocity of wind in miles	50·5			71·2			87·8			82·4			90·9			69·1			74·9			60·7			62·7			46·1			30·7			29·9		
Average Resultant Percentage (4-6 Years.)	40			60			44			46			9			20			21			14			7			21			34			47		
Average Resultant Direction (4-6 Years.)	S. 76° W.			S. 83° W.			S. 82° W.			N. 85° W.			N. 22° W.			E.			S. 62° E.			S. 30° E.			S. 43° E.			S. 6 ° W.			S. 84° W.			S. 80° W.		
Average diurnal velocity of wind in miles (5-6 Years.)	35·9			54·7			66·9			86·2			80·4			75·8			71·3			56·2			51·9			36·1			23·7			23·8		

35.—KATMANDU (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	1	2	..	..	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2	4	...	...	...	...	...	...
North-East	...	...	...	...	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
East	...	...	...	...	2	2	...	1	1	...	2	2	...	1	1	...	1	1	...	1	1	2	2	4	1	1	2	1	1	2	...	...	...	...	...	...
South-East	1	...	1	2	1	3	...	2	2	1	1	2	...	1	1	1	1	2	...	1	1	5	3	8	2	1	3	1	1	2	...	...	...	...	1	1
South	...	...	...	...	...	...	...	...	...	..	...	...	1	...	1	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South-West	2	16	18	3	16	19	3	10	13	5	11	16	4	22	26	7	15	22	13	24	37	5	22	27	6	22	28	19	20	39	21	18	39	1	6	7
West	3	3	6	4	5	9	1	9	10	2	8	10	4	5	9	3	5	8	1	...	1	...	...	...	...	...	...	...	...	...	9	10	19	18	12	30
North-West	24	11	35	19	4	23	27	9	36	22	8	30	22	2	24	19	8	27	17	5	22	19	4	23	21	6	27	8	7	15	...	...	...	12	12	24
Calm	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	..	...	...	..	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	72			62			72			67			69			67			69			44			58			61			93			85		
Resultant { Direction	N. 73° W.			N. 89° W.			N. 71° W.			N. 78° W.			S. 86° W.			N. 87° W.			S. 75° W.			S. 72° W.			S. 85° W.			S. 68° W.			S. 59° W.			N. 78° W.		
Mean diurnal velocity of wind in miles	Not recorded.																																			
Average 3 Years. { Percentage	...			...			...			...			...			...			...			...			47			58			68			76		
Average 3 Years. { Direction	...			...			...			...			...			...			...			...			W.			S. 86° W.			N. 87° W.			N. 69° W.		
Average diurnal velocity of wind in miles Years.	...			...			...			...			...			...			...			...			...			...			...			...		

36.—SIBSAGAR (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North		2	4	1	4	5	2	1	3	1	1	2	...	3	3	2	2	4	...	...	...	...	1	1	1	2	3	...	...	...	...	...	...	1	1	2
North-East	16	17	33	15	12	27	19	19	38	16	17	33	13	13	26	10	8	18	9	6	15	5	4	9	3	7	10	16	17	33	29	28	57	23	24	47
East	2	2	4	3	3	6	3	2	5	2	...	2	2	2	4	1	1	2	1	2	3	1	3	4	...	...	...	1	5	6	1	1	2	2	...	2
South-East	1	...	1	3	3	6	1	3	4	2	1	3	3	1	4	...	3	3	5	4	9	2	1	3	5	6	11	8	3	11	...	...	...	...	...	...
South	3	2	5	1	1	2	2	3	5	3	2	5	5	1	6	3	4	7	...	4	4	4	4	8	3	4	7	4	4	8	...	...	...	...	2	2
South-West	3	2	5	3	3	6	2	2	4	4	5	9	7	7	14	14	6	20	14	11	25	16	13	29	16	9	25	2	2	4	...	...	...	3	1	4
West	...	1	1	1	...	1	...	1	1	...	2	2	1	2	3	...	3	3	...	...	...	1	2	3	...	...	...	...	...	...	...	...	...	...	...	...
North-West	1	1	2	1	1	2	1	..	1	2	2	4	...	1	1	...	3	3	2	2	4	2	2	4	2	2	4	...	...	...	...	...	...	..	...	..
Calm	3	4	7	...	1	1	1	...	1	...	...	...	...	1	1	...	...	...	...	2	2	...	1	1	...	...	...	...	...	...	...	1	1	2	3	5
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	48			49			58			37			19			8			24			40			34			56			97			72		
Resultant { Direction	N. 49° E.			N. 56° E.			N. 57° E.			N. 48° E.			N. 74° E.			S. 29° W.			S. 2° W.			S. 34° W.			S. 16° W.			N. 82° E.			N. 46° E.			N. 47° E.		
Mean diurnal velocity of wind in miles	49·5			43·0			63·4			54·7			55·2			59·1			53 8			57·4			51·8			41·1			37·6			38·1		
Average 10 Years. { Percentage	47			53			56			51			34			14			8			7			17			50			65			58		
Average 10 Years. { Direction	N. 62° E.			N. 61° E.			N. 61° E.			N. 61° E.			N. 57° E.			S. 83° E.			S. 11° W.			S. 57° W.			N. 66° E.			N. 66° E.			N. 64° E.			N. 67° E.		
Average diurnal velocity of wind in miles; 14 Years.	43·4			52·6			68·3			68·5			68·8			62·8			66·3			63·9			60·1			48·3			39·9			37·7		

37.—TEZPUR (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	...	..	1	...	1	1	2	3	...	1	1	3	3	6	3	2	5
North-East	...	3	3	1	...	1	2	1	3	1	1	2	3	4	7	2	2	4
East	18	22	40	17	17	34	20	11	31	21	14	35	13	11	24	7	6	13
South-East	8	4	12	7	8	15	5	11	16	6	2	8	3	4	7	1	...	1
South	...	...	...	...	...	...	...	1	1	1	5	6	4	2	6	3	3	6
South-West	3	1	4	1	2	3	...	3	3	...	2	2	1	2	3	5	6	11
West	1	...	1	1	...	1	3	1	4	1	4	5	1	...	1	8	8	16
North-West	1	1	2	...	1	1	...	1	1	...	1	1	3	5	8	1	3	4
Calm	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	74			76			62			61			41			18		
Resultant Direction	S. 80° E.			S. 76° E.			S. 77° E.			S. 74° E.			N. 82° E.			S. 69° W.		
Mean diurnal velocity of wind in miles	178·2			203·0			275·0			194·1			168·6			119·4		
Average Resultant Percentage (3 Years.)	?			?			?			52			52			16		
Average Resultant Direction (3 Years.)	?			?			?			S. 81° E.			S. 84° E.			S. 45° E.		
Average diurnal velocity of wind in miles (3 Years.)	?			?			?			323·0			?			?		

	JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	1	1	...	...	...	1	...	1	...	...	...	1	...	1	...	...	...
North-East	...	...	...	1	...	1	1	...	1	...	2	2	2	2	4	4	...	4
East	18	14	32	7	9	16	11	6	17	16	20	36	22	26	48	21	30	51
South-East	5	11	16	10	11	21	2	13	15	11	7	18	4	2	6	6	1	7
South	3	2	5	3	7	10	1	1	2	3	2	5	...	...	...	...	...	...
South-West	3	1	4	4	3	7	10	6	16	...	...	...	1	...	1	...	...	...
West	2	2	4	6	1	7	4	3	7	...	...	...	...	...	...	...	...	...
North-West	...	...	...	...	...	...	...	1	1	1	...	1	...	...	...	...	...	...
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	66			57			39			84			91			95		
Resultant Direction	S. 64° E.			S. 34° E.			S. 23° E.			S. 72° E.			S. 89° E.			S. 88° E.		
Mean diurnal velocity of wind in miles	94·5			76·5			69·1			79·9			197·0			185·4		
Average Resultant Percentage (3 Years.)	42			37			51			66			88			79		
Average Resultant Direction (3 Years.)	S. 50° E.			S. 39° E.			S. 54° E.			S. 75° E.			N. 89° E.			N. 85° E.		
Average diurnal velocity of wind in miles (3 Years.)	123·7			141·2			150·9			130·8			186·4			189·5		

38.—DHUBRI (*4 observations daily*).

	January.					February.					March.					April.					May.					June.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	10	14	4	5	33	4	3	1	...	8	5	12	9	5	31	12	14	12	10	48	6	10	11	9	36	8	8	10	8	34
North-East	4	3	2	1	10	1	1	...	1	3	9	11	2	5	27	9	10	8	10	37	4	8	6	5	23	2	1	2	2	7
East	1	1	...	1	3	1	...	1	...	2	3	2	1	4	10	1	1	3	3	8	2	...	3	3	8	4	4	5	3	16
South-East	3	3	5	4	15	2	4	3	1	10	4	4	6	6	20	1	2	2	...	5	...	3	3	3	9	3	4	4	2	13
South	1	...	3	2	6	3	3	6	5	17	3	1	8	6	18	1	1	2	2	6	2	1	1	2	6	1	2	3	1	7
South-West	...	...	1	2	3	1	...	1	...	2	2	...	1	1	4	...	...	...	1	1	2	..	1	...	3	2	1	1	2	6
West	1	1	...	2	4	...	...	...	...	...	1	...	1	1	3	3	...	...	...	3	1	...	...	1	2	1	2	2	2	7
North-West	5	6	9	5	25	...	1	1	1	3	3	...	2	1	6	3	2	2	3	10	2	2	3	3	10	2	4	1	2	9
Calm	5	2	5	9	21	3	2	2	7	14	1	1	...	2	4	...	...	...	1	1	5	1	1	2	9	3	...	1	7	11
Variable	...	...	...	...	...	..	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	32					26					31					64					46					25				
Resultant Direction	N. 5° W.					S. 30° E.					N. 60° E.					N. 21° E.					N. 23° E.					N. 27° E.				
Mean diurnal velocity of wind in miles	117·5					101·5					213·9					228·8					150·4					120·5				
Average Resultant Percentage (6 Years.)	19					11					13					31					28					26				
Average Resultant Direction (6 Years.)	N. 69° E.					S. 22° E.					S. 82° E.					N. 77° E.					N. 55° E.					S. 89° E.				
Average diurnal velocity of wind in miles (6 Years.)	92·6					95·1					150·7					191·7					168·4					116·4				

	July.					August.					September.					October.					November.					December.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 ho rs.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	11	10	12	7	40	2	3	3	2	10	1	3	6	4	14	12	15	12	9	48	10	6	9	6	31	1	...	1	1	3
North-East	5	6	7	8	26	3	2	3	3	11	4	7	3	3	17	3	6	3	2	14	10	13	8	6	37	13	14	14	11	52
East	5	4	6	5	20	3	6	5	5	19	4	5	2	3	14	2	1	...	1	4	1	3	2	1	7	5	8	7	6	26
South-East	2	1	1	1	5	4	2	4	2	12	12	8	10	10	40	2	3	5	4	14	4	4	3	2	13	...	...	...	...	...
South	...	1	...	...	1	1	...	2	...	3	1	2	4	3	10	3	2	4	2	11	...	...	...	...	...	...	...	...	...	...
South-West	1	...	...	...	1	1	2	2	1	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
West	...	...	...	...	...	...	1	2	1	4	...	1	...	...	1	3	1	1	...	5	...	...	...	...	...	...	...	...	...	...
North-West	1	4	3	2	10	3	3	2	3	11	...	...	1	...	1	2	3	3	2	10	...	...	1	...	1	...	...	...	...	...
Calm	2	...	...	5	7	6	2	...	6	14	5	...	2	5	12	3	...	3	10	16	1	...	2	10	13	3	...	1	5	9
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...
Resultant Percentage	63					24					49					37					63					83				
Resultant Direction	N. 30° E.					N. 63° E.					S. 78° E.					N. 15° E.					N. 41° E.					N. 58° E.				
Mean diurnal velocity of wind in miles	109·5					85·1					81·7					87·4					98·6					94·6				
Average Resultant Percentage (5-6 Years.)	24					19					30					31					62					54				
Average Resultant Direction (5-6 Years.)	S. 89° E.					S. 53° E.					S. 79° E.					N. 45° E.					N. 52° E.					N. 59° E.				
Average diurnal velocity of wind in miles (6-7 Years.)	94·0					77·7					77·0					68·6					118·1					108·8				

39.—TURA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	2	3	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	1	3	2	...	2	1	...	1	...	...	...	1	1	2	...	...	...
North-East	3	...	3	..	...	...	2	...	2	1	1	2	2	2	4	2	2	4	1	3	4	...	1	1	3	1	4	3	1	4	2	...	2	..	...	...
East	6	...	6	5	...	5	...	...	...	...	1	1	1	3	4	2	...	2	2	...	2	1	2	3	3	3	6	12	5	17	14	1	15	18	1	19
South-East	9	2	11	7	3	10	2	5	7	6	8	14	6	6	12	4	7	11	6	2	8	5	5	10	5	4	9	3	2	5	1	3	4	3	1	4
South	5	9	14	12	6	18	12	4	16	3	4	7	10	8	18	12	11	23	8	11	19	13	10	23	10	13	23	6	7	13	7	10	17	5	11	16
South-West	4	14	18	3	14	17	14	22	36	20	15	35	11	10	21	10	7	17	11	14	25	10	11	21	8	7	15	7	11	18	5	12	17	4	18	22
West	3	3	6	...	3	3	...	...	...	...	...	..	...	1	1	...	...	...	...	...	...	...	2	2	...	1	1	...	3	3	...	...	...	...	...	...
North-West	1	1	2	1	2	3	...	...	...	...	...	...	1	1	2	...	2	2	1	...	1	...	...	...	...	1	1	..	2	2	...	3	3	1	...	1
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	..	.	.	...	...	...	...	...	...
Resultant Percentage	47			63			80			71			60			63			59			69			59			42			45			55		
Resultant Direction	S. 10° W.			S. 8° W.			S. 23° W.			S. 17° W.			S. 3° W.			S. 1° W.			S. 12° W.			S. 8° W.			S. 5° E.			S. 14° E.			S. 11° E.			S. 9° E.		
Mean diurnal velocity of wind in miles	Not recorded.																																			
Average Resultant Percentage (4-5 Years.)	51			62			71			71			60			62			61			59			52			40			44			43		
Average Resultant Direction (4-5 Years.)	S. 3° W.			S. 9° W.			S. 18° W.			S. 9° W.			S. 6° W.			S.			S. 6° W.			S. 3° W.			S. 5° W.			S. 17° E.			S. 22° E.			S. 23° E.		
Average diurnal velocity of wind in miles (Years.)	...			...			...			...			...			...			...			...			...			...			...			...		

40.—SILCHAR (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	2	3	...	...	...	...	3	3	...	...	...	...	1	1	4	...	4	2	1	3	1	1	2	1	...	1	...	1	1	...	...	...	...	...	...
North-East	6	2	8	2	1	3	6	2	8	4	2	6	4	3	7	2	...	2	3	...	3	2	1	3	3	1	4	4	4	8	6	2	8	3	...	3
East	9	2	11	7	2	9	12	7	19	9	2	11	8	2	10	4	3	7	4	1	5	9	5	14	5	2	7	7	2	9	14	6	20	13	5	18
South-East	8	3	11	10	2	12	4	1	5	2	1	3	1	1	2	2	2	4	4	2	6	3	1	4	5	1	6	4	1	5	3	1	4	6	6	12
South	3	6	9	2	4	6	1	...	1	1	...	1	1	...	1	1	1	2	...	2	2	1	1	2	4	2	6	4	3	7	2	1	3	1	3	4
South-West	1	6	7	...	10	10	...	6	6	1	1	2	1	4	5	2	1	3	...	1	1	...	2	2	1	1	2	...	4	4	...	1	1	...	2	2
West	...	3	3	...	6	6	...	6	6	...	11	11	...	8	8	1	13	14	...	10	10	1	8	9	2	17	19	1	7	8	1	1	2	...	...	...
North-West	...	...	...	...	...	...	1	...	1	...	4	4	...	6	6	1	6	7	...	6	6	2	5	7	1	4	5	...	3	3	...	1	1	...	...	...
Calm	3	7	10	7	3	10	7	6	13	13	9	22	16	6	22	13	4	17	18	8	26	12	7	19	8	2	10	11	6	17	4	17	21	8	15	23
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...
Resultant Percentage	34			37			28			6			7			17			7			7			18			11			42			48		
Resultant Direction	S. 52° E.			S. 19° E.			N. 88° E.			N. 40° E.			N. 8° E.			N. 71° W.			N. 56° W.			N. 52° E.			S. 67° W			S. 49° E.			E.			S. 67° E.		
Mean diurnal velocity of wind in miles	50·0			55·8			76·8			60·2			62·5			76·2			68·7			63·8			59·1			45·2			44·0			40·3		
Average Resultant Percentage (14-15 Years.)	27			25			22			21			10			9			3			7			2			9			30			35		
Average Resultant Direction (14-15 Years.)	S. 29° E.			S. 33° E.			S. 60° E.			S. 86° E.			N. 75° E.			N. 58° E.			N. 6° W.			S. 63° W.			S. 89° W.			S. 56° E.			S. 77° E.			S. 57° E.		
Average diurnal velocity of wind in miles (16-17 Years.)	48·8			66·5			78·0			82·7			81·1			74·9			74·6			72·8			64·7			51·3			49·4			45·1		

TABLE IX.—DIRECTION AND MEAN MOVEMENT OF WINDS IN 1887.

41.—DARJEELING (*2 observations daily*).

	January.			February.			March.			April.			May.			June.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	2	2	4	2	...	2	2	1	3	1	...	1	...	...	...	...	...	...
North-East	1	...	1	2	...	2	2	...	2	4	2	6	4	1	5	1	1	2
East	4	2	6	4	1	5	3	...	3	1	...	1	7	4	11	6	4	10
South-East	1	...	1	1	...	1	1	2	3	...	...	...	...	...	...	1	...	1
South	2	2	4	2	1	3	1	1	2	1	1	2	2	...	2	1	1	2
South-West	...	3	3	...	2	2	1	5	6	3	12	15	4	9	13	1	3	4
West	8	17	25	3	17	20	8	16	24	5	13	18	...	9	9	5	7	12
North-West	1	1	2	3	5	8	2	4	6	1	1	2	1	...	1	1	1	2
Calm	12	4	16	11	1	12	11	2	13	14	...	14	13	5	18	14	10	24
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...
Resultant Percentage	34			37			42			43			14			9		
Resultant Direction	S. 88° W.			N. 79° W.			N. 89° W.			S. 77° W.			S. 32° W.			S. 57° W.		
Mean diurnal velocity of wind in miles	75·0			80·0			119·6			136·9			129·5			84·7		
Average Resultant Percentage (3-4 Years)	22			33			43			49			46			5		
Average Resultant Direction (3-4 Years)	S. 84° W.			S. 83° W.			S. 77° W.			S. 72° W.			S. 79° W.			S. 88° E.		
Average diurnal velocity of wind in miles (5-6 Years.)	62·1			121·4			159·5			202·3			148·9			113·1		

	July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
North-East	6	2	8	...	1	1	5	...	5	9	...	9	12	...	12	6	3	9
East	13	5	18	9	3	12	3	1	4	2	3	5	4	...	4	15	5	20
South-East	4	4	8	2	...	2	1	2	3	3	...	3	...	...	...	...	...	...
South	1	2	3	1	...	1	1	1	2	...	...	...	...	...	...	...	...	...
South-West	...	1	1	4	4	8	1	1	2	1	6	7	...	5	5	...	3	3
West	...	1	1	4	3	7	1	4	5	2	8	10	1	16	17	...	10	10
North-West	...	1	1	...	...	...	2	2	4	...	...	...	...	1	1	...	2	2
Calm	7	12	19	11	18	29	16	16	32	14	10	24	12	6	18	10	7	17
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	44			13			2			3			18			23		
Resultant Direction	S. 88° E.			S. 11° E.			N. 27° E.			S.-64° W.			N. 57° W.			N. 63° E.		
Mean diurnal velocity of wind in miles	50·8			48·3			39·5			46·4			29·6			33·9		
Average Resultant Percentage (4 Years.)	43			32			12			5			8			4		
Average Resultant Direction (4 Years.)	N. 88° E.			N. 84° E.			S. 72° E.			S. 3° E.			N. 61° W.			N. 54° W.		
Average diurnal velocity of wind in miles (6 Years.)	63·1			80·5			72·7			61·7			39·6			45·8		

42.—PURNEAH (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	Not recorded.			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North-East				...	...	...	6	1	7	9	5	14	5	9	14	3	3	6
East				1	...	1	5	2	7	3	4	7	7	6	13	4	4	8
South-East				...	1	1	1	1	2	3	1	4	4	6	10	4	4	8
South				...	...	...	...	...	...	...	...	...	1	1	2	...	...	...
South-West				1	...	1	1	2	3	...	1	1	...	...	...	...	...	...
West				5	11	16	5	15	20	...	4	4	...	...	...	...	...	...
North-West				5	9	14	3	...	3	...	5	5	...	2	2	...	...	...
Calm				16	7	23	10	10	20	15	10	25	14	7	21	19	19	38
Variable				...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant — Percentage	?			47			18			25			46			30		
Resultant — Direction				N. 71° W.			N. 72° W.			N. 49° E.			N. 86° E.			S. 85° E.		
Mean diurnal velocity of wind in miles	?			25·4			51·6			23·6			32·8			18·6		
Average Resultant — Percentage (10 Years.)	44			56			29			8			68			70		
Average Resultant — Direction (10 Years.)	N. 80° W.			W			N. 80° W.			N. 35° E.			N. 88° E.			N. 89° E.		
Average diurnal velocity of wind in miles. (9-11 Years.)	41·0			59·0			81·2			86·3			81·1			78·8		

	JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1	...	1
North-East	...	2	2	...	1	1	1	...	1	2	1	3	...	...	...	...	...	...
East	8	6	14	7	4	11	5	3	8	2	1	3	...	...	...	...	...	...
South-East	5	6	11	2	4	6	1	2	3	...	2	2	...	...	...	...	...	...
South	...	...	...	...	2	2	...	...	...	...	1	1	...	...	...	...	...	...
South-West	...	1	1	...	2	2	...	2	2	...	...	...	...	...	...	...	...	...
West	1	3	4	...	...	...	1	2	3	2	2	4	1	1	2	4	5	9
North-West	1	...	1	...	...	...	1	1	2	...	3	3	...	7	7	4	10	14
Calm	16	13	29	21	18	39	21	20	41	23	19	42	29	22	51	22	16	38
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant — Percentage	30			25			9			3			14			35		
Resultant — Direction	S. 70° E.			S. 68° E.			S. 74° E.			N. 13° E.			N. 55° W.			N. 60° W.		
Mean diurnal velocity of wind in miles	28·5			27·0			18·1			11·4			4·3			14·4		
Average Resultant — Percentage (10 Years.)	53			53			39			11			38			51		
Average Resultant — Resultant (10 Years.)	S. 78° E.			S. 78° E.			S. 80° E.			N. 14° E.			N. 60° W.			N. 69° W.		
Average diurnal velocity of wind in miles (8-10 Years.)	70·5			55·0			48·5			33·8			27·7			31·5		

43.—DURBHUNGA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	2	3	1	...	1	...	...	...	...	3	3	...	1	1	1	1	2	...	...	...	...	1	1	1	...	1	...	2	2	1	3	4	3	...	3
North-East	4	2	6	2	1	3	2	2	4	2	3	5	3	7	10	5	3	8	4	5	9	7	2	9	1	3	4	3	2	5	3	1	4	1	...	1
East	5	3	8	3	2	5	11	4	15	13	7	20	17	10	27	16	10	26	14	12	26	12	12	24	10	11	21	5	4	9	1	2	3	3	1	4
South-East	4	1	5	2	1	3	5	4	9	11	6	17	10	7	17	8	10	18	9	9	18	7	9	16	9	4	13	4	6	10	1	...	1	1	2	3
South	1	1	2	1	1	2	1	...	1	1	1	2	...	2	2	...	2	2	1	1	2	1	1	2	...	1	1	...	...	...	...	...	...	...	2	2
South-West	6	8	14	8	11	19	4	6	10	1	4	5	...	1	1	...	2	2	...	...	...	1	3	4	...	1	1	3	3	6	7	5	12	7	9	16
West	8	13	21	8	11	19	6	12	18	1	6	7	...	2	2	...	2	2	2	3	5	2	3	5	6	6	12	9	8	17	10	16	26	11	14	25
North-West	2	1	3	3	1	4	2	3	5	1	...	1	1	1	2	...	...	...	1	1	2	1	...	1	3	4	7	7	6	13	7	3	10	5	3	8
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	29			51			15			44			68			70			63			55			26			18			59			58		
Resultant Direction	S. 71° W.			S. 66° W.			S. 29° W.			S. 67° E.			S. 83° E.			S. 78° E.			S. 80° E.			S. 76° E.			S. 82° E.			N. 73° W.			N. 82° W.			S. 80° W.
Mean diurnal velocity of wind in miles	69·2			92·6			140·2			138·3			193·3			154·9			149·3			121·5			85·9			71·7			58·4			57·2		
Average Resultant Percentage (10 Years.)	47			46			27			8			59			71			58			60			54			3			55			58		
Average Resultant Direction (10 Years.)	S. 80° W.			S. 72° W.			S. 70° W.			S. 24° E.			S. 86° E.			S. 89° E.			S. 82° E.			S. 82° E.			S. 86° E.			N. 68° E.			S. 79° W.			S. 79° W.
Average diurnal velocity of wind in miles (10-12 Years.)	54·7			79·8			107·3			123·0			141·1			136·4			119·9			104·9			86·9			52·7			43·4			49·1		

44.—PATNA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	1	1	...	1	1	...	2	2	1	...	1	...	2	2	1	1	2	...	...	...	...	1	1	2	...	2	...	...	...	...	3	3	1	4	5
North-East	1	2	3	...	2	2	4	4	8	4	10	14	8	9	17	6	12	18	5	10	15	5	3	8	2	2	4	6	5	11	2	3	5	1	...	1
East	5	2	7	4	1	5	9	3	12	11	4	15	16	11	27	9	6	15	12	8	20	11	14	25	8	6	14	5	4	9	2	...	2	...	...	...
South-East	4	3	7	1	...	1	2	...	2	1	1	2	4	...	4	7	2	9	6	3	9	3	4	7	4	3	7	1	1	2	1	...	1	1	...	1
South	2	2	4	1	...	1	1	...	1	2	...	2	...	...	...	1	1	2	2	...	2	2	...	2	2	1	3	3	1	4	2	...	2	3	...	3
South-West	2	...	2	2	...	2	2	...	2	1	...	1	...	...	...	2	2	4	...	3	3	4	...	4	1	1	2	...	1	1	3	1	4	4	...	4
West	15	14	29	17	15	32	10	12	22	7	2	9	...	1	1	2	...	2	2	2	4	2	...	2	5	5	10	10	8	18	15	5	20	16	10	26
North-West	...	3	3	2	6	8	3	4	7	3	8	11	1	4	5	...	2	2	1	2	3	1	1	2	3	4	7	4	7	11	5	18	23	5	16	21
Calm	2	4	6	1	3	4	..	6	6	...	5	5	1	2	3	2	4	6	3	3	6	3	8	11	3	8	11	2	4	6	...	...	..	...	1	1
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	31			58			21			28			68			47			46			47			9			20			62			72		
Resultant Direction	S. 75° W.			N. 81° W			N. 47° W.			N. 31° E.			N. 68° E.			N. 80° E.			N. 86° E.			S. 87° E.			N. 86° E.			N. 41° W.			N. 62° W.			N. 72° W.		
Mean diurnal velocity of wind in miles	52·7			62·3			79·1			98·9			148·2			108·0			114·1			75·7			62·4			60·4			59·6			52·5		
Average Resultant Percentage (14-15 Years.)	45			47			48			27			38			45			41			34			42			4			29			52		
Average Resultant Direction (14-15 Years.)	N. 83° W.			N. 79° W.			N. 74° W.			N. 38° W.			N. 54° E.			N. 73° E.			N. 85° E.			S. 19° E.			S. 77° E.			N. 21° E.			N. 64° W.			N. 83° W.		
Average diurnal velocity of wind in miles (15-17 Years.)	47·9			69·4			82·1			105·2			114·0			101·2			87·1			77·1			69·0			45·4			36·5			40·1		

45.—GYA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	7	6	13	3	2	5	5	8	13	9	2	11	6	9	15	6	3	9
North-East	2	2	4	1	1	2	2	2	4	2	2	4	6	4	10	1	3	4
East	1	...	1	2	...	2	5	2	7	2	1	3	4	1	5	4	2	6
South-East	...	...	...	...	...	...	1	...	1	1	2	3	...	...	...	1	1	2
South	3	1	4	1	1	2	3	1	4	1	2	3	2	...	2	1	...	1
South-West	2	...	2	3	...	3	1	...	1	1	...	1	...	...	...	3	...	3
West	7	10	17	9	13	22	9	9	18	7	6	13	4	6	10	7	2	9
North-West	2	6	8	6	7	13	1	3	4	4	8	12	3	7	10	3	3	6
Calm	7	6	13	3	4	7	4	6	10	3	7	10	6	4	10	4	16	20
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	42			57			28			36			45			21		
Resultant Direction	N. 52° W.			N. 69° W.			N. 40° W.			N. 41° W.			N. 10° W.			N. 24° W.		
Mean diurnal velocity of wind in miles	54·7			73·2			85·2			80·7			100·4			69·3		
Average Resultant Percentage	25			36			45			38			28			23		
Average Resultant Direction 14-15 Years.	N. 60° W.			N. 72° W.			N. 79° W.			N. 62° W.			N. 17° E.			N. 57° E.		
Average diurnal velocity of wind in miles 15-17 Years.	39·4			61·9			79·1			92·0			92·5			82·5		

	JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	9	5	14	8	7	15	5	5	10	6	4	10	3	4	7	4	13	17
North-East	6	10	16	3	4	7	3	2	5	3	3	6	2	1	3	1	1	2
East	3	3	6	5	4	9	4	2	6	4	1	5	...	...	...	...	...	...
South-East	...	...	...	...	...	...	...	...	...	2	...	2	...	...	...	...	...	...
South	2	1	3	1	1	2	...	...	...	...	...	...	...	...	...	3	...	3
South-West	1	...	1	...	2	2	...	...	...	2	...	2	...	...	...	...	...	...
West	4	2	6	4	1	5	7	6	13	7	2	9	6	4	10	6	6	12
North-West	3	5	8	6	2	8	6	3	9	2	11	13	3	6	9	4	6	10
Calm	3	5	8	4	10	14	5	12	17	5	10	15	16	15	31	13	5	18
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	45			36			37			36			35			46		
Resultant Direction	N. 10° E.			N. 5° E.			N. 26° W.			N. 23° W.			N. 43° W.			N. 38° W.		
Mean diurnal velocity of wind in miles	76·1			59·5			62·6			51·4			32·1			34·3		
Average Resultant Percentage	19			17			25			4			17			30		
Average Resultant Direction 15 Years.	S. 79° E.			S. 66° E.			S. 86° E.			N. 34° W.			N. 45° W.			N. 68° W.		
Average diurnal velocity of wind in miles 15-17 Years.	69·8			61·4			55·8			36·7			29·1			31·3		

46.—HAZARIBAGH (*4 observations daily*).

	JANUARY.					FEBRUARY.					MARCH.					APRIL.					MAY.					JUNE.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	2	5	8	2	17	2	6	3	3	14	...	3	1	4	8	...	3	10	3	16	2	3	7	6	18	...	1	4	...	5
North-East	1	1	1	...	3	...	...	1	..	1	1	3	2	1	7	...	...	3	6	9	1	2	5	...	8	...	2	3	...	5
East	1	...	1	2	4	...	...	...	1	1	2	...	1	1	4	1	...	2	...	3	1	2	2	1	6	3	1	3	1	8
South-East	2	1	...	2	5	...	1	...	..	1	4	3	...	3	10	...	2	1	2	5	3	1	4	9	17	3	3	3	7	16
South	2	2	1	1	6	2	2	...	...	4	4	7	1	...	12	7	6	...	4	17	12	10	1	4	27	6	2	4	9	21
South-West	5	6	1	2	14	1	3	...	3	7	3	2	1	...	6	10	5	1	1	17	7	6	2	3	18	12	4	2	7	25
West	7	6	6	8	27	12	5	8	10	35	9	6	12	9	36	4	7	1	5	17	1	4	2	1	8	3	8	4	2	17
North-West	8	9	12	11	40	11	11	16	9	47	6	7	13	7	33	4	7	11	4	26	3	3	8	6	20	1	7	5	1	14
Calm	3	1	1	3	8	...	...	...	2	2	2	...	...	6	8	4	...	1	5	10	1	...	...	1	2	...	...	...	...	...
Variable	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	50					72					40					30					14					35				
Resultant Direction	N. 63° W.					N. 62° W.					N. 75° W.					N. 77° W.					S. 39° W.					S. 35° W.				
Mean diurnal velocity of wind in miles	157·7					192·8					177·1					192·5					248·4					207·1				
Average Resultant Percentage (15 Years.)	54					60					61					49					15					19				
Average Resultant Direction (15 Years.)	N. 62° W.					N. 68 W.					N. 75 W.					N. 74° W.					S 77° W.					S. 36° W.				
Average diurnal velocity of wind in miles. 18-19 Years.	118·3					156·4					178·1					201·4					210·4					213·2				

	JULY.					AUGUST.					SEPTEMBER.					OCTOBER.					NOVEMBER.					DECEMBER.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	2	2	3	2	9	...	1	...	...	1	1	2	3	1	7	2	3	5	5	15	4	4	11	9	28	4	8	12	10	34
North-East	1	1	4	1	7	...	...	3	...	3	1	1	2	1	5	1	4	4	1	10	3	7	4	3	17	...	4	3	...	7
East	2	5	6	2	15	2	6	6	3	17	2	3	2	4	11	...	2	2	...	4	2	8	2	1	13	...	...	...	...	...
South-East	6	4	6	8	24	8	8	7	11	34	6	4	9	7	26	1	5	5	5	16	1	1	...	1	3	...	2	...	...	2
South	6	6	3	4	19	8	3	4	12	27	6	2	1	4	13	3	3	5	4	15	...	1	1	...	2	...	2	...	...	2
South-West	4	3	3	4	14	6	5	2	1	14	2	4	2	2	10	8	2	...	5	15	...	1	1	...	2	1	...	...	...	1
West	4	4	2	4	14	5	4	4	4	17	3	4	4	5	16	6	1	3	4	14	2	3	1	3	9	1	1	...	2	4
North-West	6	5	4	5	20	2	2	5	...	9	7	10	7	4	28	8	11	7	7	33	11	5	10	12	38	16	14	16	18	64
Calm	...	...	...	1	1	...	2	...	...	2	2	...	...	2	4	2	...	...	...	2	7	...	...	1	8	9	...	...	1	10
Variable	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	14					42					11					22					52					74				
Resultant Direction	S. 4° W.					S. 11° E.					S. 51° W.					N. 72° W.					N. 9° W.					N. 29° W.				
Mean diurnal velocity of wind in miles	204·1					184·0					195·1					150·8					121·1					126·6				
Average Resultant Percentage (14-15 Years.)	19					7					21					34					55					64				
Average Resultant Direction (14-15 Years.)	S. 16° E.					S. 50° W.					S. 64° E.					N. 42° W.					N. 42° W.					N. 54° W.				
Average diurnal velocity of wind in miles 18-19 Years.	202·6					179·6					168·6					119·3					103·7					110·2				

47.—BERHAMPORE (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	6	3	9	5	5	10	1	4	5	1	1	2	1	...	1	...	3	3	1	2	3	...	2	2	3	3	6	2	4	6	10	9	19	16	14	30
North-East	2	3	5	1	...	1	1	2	3	..	1	1	3	3	6	...	1	1	2	5	7	2	...	2	3	3	6	5	1	6	3	2	5	...	...	...
East	2	...	2	3	...	3	4	3	7	4	2	6	9	8	17	5	5	10	17	9	26	7	9	16	6	5	11	5	4	9	3	2	5	...	...	...
South-East	1	...	1	1	...	1	...	1	1	1	...	1	2	2	4	2	3	5	2	5	7	3	1	4	...	3	3	...	1	1	...	...	...	...	...	...
South	1	...	1	3	4	7	9	3	12	10	11	21	12	12	24	11	11	22	3	5	8	10	14	24	6	7	13	2	4	6	...	...	...	...	...	...
South-West	6	5	11	3	...	3	4	5	9	10	9	19	4	4	8	9	5	14	3	3	6	8	4	12	2	2	4	6	5	11	2	2	4	...	1	1
West	11	16	27	9	13	22	10	11	21	3	2	5	...	...	...	2	2	4	3	1	4	...	1	1	6	4	10	7	5	12	2	4	6	3	3	6
North-West	2	4	6	3	6	9	2	2	4	1	4	5	...	2	2	...	...	...	...	1	1	1	...	1	4	3	7	4	7	11	10	11	21	12	12	24
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	54			48			36			54			50			53			46			53			5			23			63			84		
Resultant Direction	N. 77° W.			N. 74° W.			S. 66° W.			S. 27° W.			S. 33° E.			S. 1° E.			S. 72° E.			S. 18° E.			S. 9° W.			N. 75° W.			N. 24° W.			N. 27° W.		
Mean diurnal velocity of wind in miles	70·2			56·4			91·9			110·4			138·7			119·9			109·8			97·7			86·5			53·9			43·2			43·2		
Average Resultant Percentage (15 Years.)	50			44			44			32			37			48			51			45			36			16			54			62		
Average Resultant Direction (15 Years.)	N. 41° W.			N. 72° W.			S. 76° W.			S. 23° W.			S. 36° E.			S. 33° E.			S. 41° E.			S. 40° E.			S. 41° E.			N. 12° W.			N. 25° W.			N. 26° W.		
Average diurnal velocity of wind in miles. (15-18 Years.)	43·4			56·4			82·0			124·2			131·7			132·5			120·7			100·6			87·9			50·8			40·1			38·4		

48.—BURDWAN (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	4	4	8	5	5	10	5	3	8	1	1	2	1	...	1	...	...	...	1	2	3	1	1	2	3	3	6	4	5	9	11	13	24	12	13	25
North-East	8	2	10	3	...	3	3	1	4	1	...	1	2	3	5	...	3	3	2	1	3	1	1	2	3	3	6	4	2	6	7	6	13	7	1	8
East	...	1	1	1	1	2	2	1	3	1	1	2	6	5	11	2	2	4	8	7	15	4	5	9	5	2	7	4	3	7	2	1	3	1	...	1
South-East	1	...	1	2	...	2	...	1	1	2	5	7	4	7	11	2	6	8	6	6	12	5	4	9	2	5	7	...	3	3	...	...	...	...	...	...
South	5	...	5	3	2	5	8	10	18	11	12	23	14	14	28	21	18	39	5	8	13	13	17	30	5	7	12	4	3	7	...	1	1	...	...	...
South-West	1	2	3	...	2	2	2	3	5	7	4	11	2	...	2	4	1	5	2	2	4	1	5	6	3	3	6	3	...	3	...	...	...	...	...	...
West	3	10	13	6	9	15	5	8	13	6	4	10	...	...	...	1	...	1	3	2	5	2	1	3	1	3	4	1	1	2	1	2	3	2	2	4
North-West	4	11	15	7	9	16	4	4	8	1	3	4	1	2	3	...	...	...	3	1	4	...	1	1	7	3	10	7	8	15	9	7	16	9	14	23
Calm	5	1	6	1	...	1	2	...	2	...	...	...	1	...	1	...	...	...	...	2	2	1	...	1	1	1	2	4	6	10	...	...	...	...	1	1
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	40			48			27			55			58			78			36			60			7			20			73			79		
Resultant Direction	N. 44° W.			N. 55° W.			S. 70° W.			S. 23° W.			S. 32° E.			S. 9° E.			S. 40° E.			S. 15° E.			S. 13° E.			N. 6° W.			N. 3° W.			N. 16° W.		
Mean diurnal velocity of wind in miles	47·6			45·3			86·2			108·1			131·1			110·4			76·5			77·3			65·4			39·8			47·5			43·1		
Average Resultant Percentage (10-15 Years.)	44			43			45			49			53			59			47			48			38			29			69			67		
Average Resultant Direction (10-15 Years.)	N. 32° W.			N. 56° W.			S. 78° W.			S. 34° W.			S. 9° E.			S. 18° E.			S. 27° E.			S. 30° E.			S. 31° E.			N. 19° E.			N. 7° W.			N. 23° W.		
Average diurnal velocity of wind in miles. (14-15 Years.	43·9			55·0			81·4			115·1			131·5			117·9			102·7			85·7			74·9			49·3			46·4			45·4		

49.—JESSORE (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	10	3	13	6	3	9	1	2	3	1	1	2	1	...	1	...	...	...	...	1	1	...	...	...	4	1	5	4	2	6	11	6	17	15	5	20
North-East	1	2	3	2	...	2	2	1	3	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	2	2	4	3	3	6	3	...	3
East	3	1	4	2	...	2	3	1	4	2	...	2	5	4	9	1	1	2	5	4	9	...	3	3	1	2	3	1	3	4	2	4	6	1	...	1
South-East	1	1	2	1	...	1	...	1	1	...	...	...	5	5	10	3	2	5	7	5	12	8	3	11	4	3	7	1	1	2	1	...	1	...	...	...
South	4	1	5	...	5	5	9	6	15	6	15	21	14	18	32	10	19	29	8	10	18	12	18	30	8	13	21	4	4	8	...	...	...	...	...	...
South-West	...	3	3	2	...	2	7	2	9	5	4	9	3	1	4	10	3	13	1	1	2	6	5	11	3	...	3	1	1	2	...	...	...	...	...	...
West	4	8	12	6	10	16	4	8	12	8	2	10	2	1	3	5	1	6	4	4	8	4	...	4	3	3	6	3	8	11	1	4	5	...	3	3
North-West	3	12	15	6	9	15	4	8	12	1	3	4	1	1	2	1	...	1	2	1	3	...	1	1	2	4	6	9	4	13	11	10	21	12	23	35
Calm	5	...	5	3	1	4	1	2	3	7	5	12	...	1	1	...	4	4	4	5	9	1	1	2	3	2	5	6	6	12	1	3	4	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant (Percentage)	39			49			35			47			65			71			41			72			30			24			61			85		
Resultant (Direction)	N. 45° W.			N. 60° W.			S. 67° W.			S. 37° W.			S. 13° E.			S. 14° W.			S. 14° E.			S. 2° W.			S. 10° W.			N. 62° W.			N. 14° W.			N. 28° W.		
Mean diurnal velocity of wind in miles	44·6			51·5			74·4			72·6			144·7			100·1			93·2			89·0			81·7			41·1			47·8			41·5		
Average Resultant (Percentage)	51			40			38			54			61			66			65			61			61			23			57			66		
Average Resultant (Direction) 14-15 Years.	N. 24° W.			N. 65° W.			S. 62° W.			S. 11° W.			S. 10° E.			S. 19° E.			S. 17° E.			S. 20° E.			S. 26° E.			N. 65° E.			N. 2° E.			N. 13° W.		
Average diurnal velocity of wind in miles. 15-17 Years.	37·7			48·4			77·6			108·2			117·4			118·5			111·0			98·6			82·7			51·5			43·9			40·1		

50.—DACCA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	8	...	8	2	1	3	1	...	1	...	...	...	1	...	1	..	...	..	...	...	...	...	...	...	1	..	1	5	...	5	5	4	9	12	2	14
North-East	3	1	4	3	...	3	1	...	1	...	1	1	1	1	2	...	..	...	1	..	1	1	...	1	1	...	1	1	1	2	5	2	7	6	...	6
East	3	...	3	...	...	...	1	4	5	...	...	...	4	1	5	...	2	2	6	3	9	3	2	5	1	1	2	3	3	6	2	...	2	...	...	...
South-East	...	...	...	2	1	3	2	3	5	6	5	11	6	6	12	5	4	9	13	10	23	10	8	18	9	4	13	5	4	9	2	...	2	...	...	...
South	2	1	3	8	2	10	6	4	10	12	11	23	16	16	32	14	12	26	5	13	18	7	13	20	15	13	28	7	4	11	...	1	1	...	...	...
South-West	6	4	10	5	7	12	9	9	18	7	8	15	2	4	6	9	9	18	4	4	8	8	7	15	3	8	11	3	3	6	...	2	2	...	...	...
West	5	20	25	7	15	22	8	10	18	2	3	5	...	1	1	...	...	...	1	...	1	...	1	1	...	3	3	1	6	7	3	6	9	2	14	16
North-West	2	3	5	1	2	3	...	...	...	1	...	1	1	...	1	...	...	...	1	...	1	...	...	...	...	1	1	4	4	8	10	5	15	4	5	9
Calm	2	2	4	...	...	...	3	1	4	2	2	4	...	2	2	2	3	5	...	1	1	2	...	2	...	...	...	2	6	8	3	10	13	7	10	17
Variable	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...
Resultant (Percentage)	49			56			53			68			69			76			69			70			71			16			40			49		
Resultant (Direction)	N. 82° W.			S. 65° W.			S. 41° W.			S. 11° W.			S. 12° E.			S. 6° W.			S. 26° E.			S. 9° E.			S. 1° E.			S. 18° W.			N. 31° W.			N. 36° W.		
Mean diurnal velocity of wind in miles	61·8			58·0			120·4			135·0			159·1			169·1			146·9			140·3			123·2			47·7			50·5			44·2		
Average Resultant (Percentage)	32			35			54			60			60			75			80			72			57			4			38			44		
Average Resultant (Direction) 15 Years.	N. 53° W.			S. 76° W.			S. 23° W.			S. 4° E.			S. 19° E.			S. 16° E.			S. 19° E.			S. 14° E.			S. 11° E.			S. 55° E.			N. 17° W.			N. 36° W		
Average diurnal velocity of wind in miles. 18-19 Years.	49·5			63·3			112·5			161·5			147·8			173·4			174·2			144·6			110·7			56·2			45·7			45·4		

51.—CHITTAGONG (*4 observations daily*).

	JANUARY.					FEBRUARY.					MARCH.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	7	14	1	1	23	3	10	...	...	13	1	5	1	1	8
North-East	4	12	...	...	16	...	6	...	...	6	2	1	2	1	6
East	1	3	...	1	5	...	1	...	...	1	3	4	...	2	9
South-East	2	...	2	1	5	1	1	...	...	2	10	11	1	3	25
South	...	...	1	...	1	3	1	2	4	10	7	5	9	8	29
South-West	...	1	6	4	11	2	...	7	2	11	1	...	11	8	20
West	4	...	13	9	26	10	4	12	12	38	4	2	6	5	17
North-West	6	1	6	9	22	4	2	4	4	14	1	2	1	2	6
Calm	7	...	2	6	15	3	...	...	3	6	1	...	...	1	2
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	39					49					37				
Resultant Direction	N. 38° W.					N. 81° W.					S. 6° W.				
Mean diurnal velocity of wind in miles	56·1					57·3					123·6				
Average Resultant Percentage (15 Years.)	48					30					20				
Average Resultant Direction (15 Years.)	N. 24° W.					N. 38° W.					S. 54° W.				
Average diurnal velocity of wind in miles (18—19 Years.)	89·3					105·7					138·9				

	APRIL.					MAY.					JUNE.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	...	7	1	1	9	...	4	...	...	4	...	2	...	...	2
North-East	...	3	...	...	3	1	2	...	4	7	1	1	...	...	2
East	1	...	...	...	1	5	5	1	3	14	2	1	1	3	7
South-East	7	1	...	1	9	10	8	4	7	29	18	14	4	9	51
South	9	11	4	8	32	7	8	6	7	28	8	11	16	10	45
South-West	3	4	15	7	29	3	2	12	7	24	...	1	6	2	9
West	6	4	8	6	24	3	...	7	3	13	...	...	3	...	3
North-West	4	...	2	3	9	1	1	...	...	2	...	...	...	...	...
Calm	4	...	...	4	4	1	...	...	1	1	1	...	...	...	1
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	49					46					76				
Resultant Direction	S. 45° W.					S. 8° E.					S. 23° E.				
Mean diurnal velocity of wind in miles	110·2					139·6					149·8				
Average Resultant Percentage (15 Years.)	37					38					56				
Average Resultant Direction (15 Years.)	S. 12° W.					S.					S. 31° E.				
Average diurnal velocity of wind in miles (18—19 Years.)	169·4					152·8					166·3				

	JULY.					AUGUST.					SEPTEMBER.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	...	2	...	...	2	...	2	1	...	3	...	1	1	...	2
North-East	...	...	...	...	...	...	2	...	1	3	..	5	...	...	5
East	5	4	2	2	13	3	4	..	3	10	2	3	...	1	6
South-East	17	19	9	16	61	12	16	2	10	40	7	9	2	9	27
South	6	5	10	9	30	11	7	10	12	40	12	10	12	8	42
South-West	...	1	7	3	11	1	...	12	3	16	5	...	12	6	23
West	2	...	3	1	6	1	...	6	1	8	2	1	2	3	8
North-West	1	...	...	...	1	1	...	...	...	1	1	...	1	...	2
Calm	...	...	...	...	...	2	...	...	1	3	1	...	...	3	4
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	71					62					59				
Resultant Direction	S. 28° E.					S. 15° E.					S. 2° E.				
Mean diurnal velocity of wind in miles	154·1					128·0					105.4				
Average Resultant Percentage (15 Years.)	63					55					31				
Average Resultant Direction (15 Years.)	S. 40° E.					S. 32° E.					S. 29° E.				
Average diurnal velocity of wind in miles (19 Years.)	172·1					145·8					108·6				

	OCTOBER.					NOVEMBER.					DECEMBER.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	3	8	3	1	15	2	12	2	...	16	2	15	...	1	18
North-East	2	9	1	1	11	2	10	2	1	15	1	6	...	1	8
East	1	3	3	1	8	...	...	1	...	1	1	...	1	...	2
South-East	2	1	1	2	6	2	...	1	2	5	...	...	...	...	...
South	1	1	...	...	2	1	1	1	1	4	1	1	1	1	4
South-West	2	2	3	2	9	2	2	3	2	9	2	2	2	1	7
West	5	3	9	5	22	10	3	12	7	32	10	3	19	10	42
North-West	3	2	6	3	14	7	2	9	6	24	8	3	8	8	27
Calm	12	3	...	12	27	4	...	...	12	16	6	1	...	9	16
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	18					43					54				
Resultant Direction	N. 45° W.					N. 52° W.					N. 60° W.				
Mean diurnal velocity of wind in miles	36·9					46·4					41 6				
Average Resultant Percentage (15 Years.)	14					53					59				
Average Resultant Direction (15 Years.)	N. 10° W.					N. 20° W.					N. 23° W.				
Average diurnal velocity of wind in miles (19 Years.)	71·1					72·6					76·1				

TABLE IX.—DIRECTION AND MEAN MOVEMENT OF WINDS IN 1887.

52.—DEMAGIRI (*2 observations daily*).

	January.			February.			March.			April.			May.			June.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	9	4	13	2	5	7	1	...	1	3	8	11	1	2	3	...	...	...
North-East	2	3	5	3	1	4	1	2	3	...	2	2	...	...	...	1	2	3
East	2	2	4	...	...	...	1	1	2	...	1	1	4	3	7	5	3	8
South-East	7	...	7	2	...	2	4	6	10	2	2	4	10	8	18	14	9	23
South	...	1	1	3	1	4	3	1	4	1	1	2	6	4	10	3	3	6
South-West	...	1	1	2	...	2	7	2	9	3	2	5	5	4	9	2	4	6
West	1	5	6	2	6	8	2	3	5	...	2	2	...	2	2	3	8	11
North-West	10	15	25	14	15	29	12	16	28	21	12	33	5	8	13	2	1	3
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant — Percentage	48			62			33			60			27			40		
Resultant — Direction	N. 23° W.			N. 48° W.			N. 75° W.			N. 41° W.			S. 7° E.			S. 22° E.		
Mean diurnal velocity of wind in miles	Not recorded.																	
Average Resultant — Percentage (10 Years.)	34			32			21			6			6			23		
Average Resultant — Direction (10 Years.)	N. 50° W.			N. 55° W.			S. 88° W.			S. 36° W.			S. 11° E.			S. 29° E.		
Average diurnal velocity of wind in miles (Years.)	...			...			...			...			...			...		

	July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	1	...	1
North-East	...	...	...	...	...	...	...	...	...	...	1	1	1	...	1	...	...	...
East	6	5	11	3	2	5	1	1	2	4	2	6	...	...	...	...	1	1
South-East	13	13	26	17	12	29	16	8	24	3	...	3	5	4	9	6	2	8
South	3	3	6	4	6	10	8	7	15	6	7	13	7	3	10	8	4	12
South-West	1	7	8	5	6	11	4	9	13	9	10	19	7	4	11	4	3	7
West	5	3	8	2	5	7	1	5	6	7	10	17	8	17	25	8	13	21
North-West	3	...	3	...	...	...	...	...	...	2	...	2	2	2	4	4	8	12
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant — Percentage	50			64			69			55			59			51		
Resultant — Direction	S. 26° E.			S. 16° E.			S. 5° E			S. 42° W.			S. 54° W.			S. 65° W		
Mean diurnal velocity of wind in miles	Not recorded.																	
Average Resultant — Percentage (10 Years.)	30			30			5			15			34			33		
Average Resultant — Direction (10 Years.)	S. 33° E.			S. 23° E.			N. 83° W.			N. 54° W.			N. 59° W.			N. 58° W.		
Average diurnal velocity of wind in miles (Years.)	...			...			...			...			...			...		

53.—CALCUTTA (ALIPORE) (*4 observations daily*).

	JANUARY.					FEBRUARY.					MARCH.					APRIL.					MAY.					JUNE.				
	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.
North	12	10	9	8	39	5	7	5	4	21	2	4	2	...	8	1	...	...	...	1	1	1	...	1	3	...	...	...	...	...
North-East	8	5	1	6	20	4	3	...	...	7	1	...	2	1	4	...	...	...	...	...	2	2	2	1	7	...	...	1	1	2
East	...	4	...	1	5	2	2	...	1	5	1	...	1	3	5	1	1	...	1	3	4	5	3	4	16	2	3	2	2	9
South-East	2	2	...	1	5	1	2	1	1	5	1	...	1	3	5	3	2	...	4	9	8	5	10	9	32	6	3	4	5	18
South	3	3	1	3	10	3	1	1	5	10	7	7	7	10	31	11	9	10	15	45	11	12	13	12	48	14	11	16	13	54
South-West	3	2	4	2	11	7	4	2	7	20	10	11	5	13	39	11	13	12	8	44	4	5	3	3	15	6	13	6	7	32
West	1	2	5	4	12	4	5	11	5	25	5	4	7	...	16	2	4	3	1	10	1	...	...	1	2	1	...	1	2	4
North-West	2	3	11	6	22	2	4	8	5	19	4	5	6	1	16	1	1	5	1	8	...	1	...	...	1	1	...	...	...	1
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	40					36					48					70					63					73				
Resultant Direction	N. 15° W.					N. 73° W.					S. 47° W.					S. 26° W.					S. 23° E.					S. 3° W.				
Mean diurnal velocity of wind in miles	87·1					93·6					142·8					167·6					181·0					175·4				
Average Resultant Percentage (15 Years.)	38					23					49					73					66					59				
Average Resultant Direction (15 Years.)	N. 38° W.					S. 81° W.					S. 32° W.					S. 3° W.					S. 11° E.					S. 4° E.				
Average diurnal velocity of wind in miles (11-12 Years.)	70·9					91·4					131·5					179·1					170·5					148·2				

	JULY.					AUGUST.					SEPTEMBER.					OCTOBER.					NOVEMBER.					DECEMBER.				
	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.
North	1	1	1	...	3	...	...	...	...	...	2	5	3	1	11	9	8	7	7	31	13	13	12	12	50	19	18	17	20	74
North-East	1	2	3	1	7	...	1	...	...	1	1	1	1	1	4	1	3	1	...	5	3	5	2	1	11	4	6	2	3	15
East	5	7	6	3	21	2	3	4	2	11	2	2	2	2	8	4	4	3	3	14	1	1	...	1	3	...	...	...	...	...
South-East	7	5	5	8	25	7	8	6	8	29	6	6	9	7	28	2	1	1	3	7	2	...	1	1	4	...	...	...	...	...
South	7	4	3	7	21	11	6	14	13	44	8	5	5	8	26	2	2	3	4	11	...	...	...	...	...	...	...	...	...	...
South-West	8	5	8	9	30	8	8	6	6	28	5	6	5	5	21	3	3	5	3	14	...	...	...	1	1	...	...	...	...	...
West	1	6	4	2	13	3	4	1	1	9	4	3	3	4	14	4	5	3	4	16	3	1	3	2	9	1	...	1	...	2
North-West	1	1	1	1	4	...	1	...	1	2	2	2	2	2	8	6	5	8	7	26	8	10	12	12	42	6	5	11	8	30
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2	...	...	3
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	40					66					35					28					73					86				
Resultant Direction	S. 8° E.					S. 1° E.					S. 5° W.					N. 39° W.					N. 17° W.					N. 7° W.				
Mean diurnal velocity of wind in miles	118·8					122·2					95·2					68·8					72·1					58·0				
Average Resultant Percentage (15 Years.)	65					57					43					11					58					60				
Average Resultant Direction (15 Years.)	S. 11° E.					S. 17° E.					S. 27° E.					N. 48° W.					N. 17° W.					N. 26° W.				
Average diurnal velocity of wind in miles (12-13 Years.)	126·8					126·5					108·9					76·3					70·8					71.6				

54.—SAUGOR ISLAND (*4 observations daily*).

	JANUARY.					FEBRUARY.					MARCH.				
	4 hours.	10 hours.	16 hours.	22 hours	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	6	9	8	5	28	4	7	8	2	21	...	1	1	...	2
North-East	8	9	...	6	23	3	6	...	3	12	..	...	...	...	...
East	4	4	...	..	8	2	...	...	...	2	1	...	...	...	1
South-East	1	1	2	2	6	...	...	2	3	5	1	...	6	6	13
South	3	4	9	9	25	4	4	5	14	27	11	9	21	22	63
South-West	4	1	5	4	14	7	3	9	5	24	15	12	2	3	32
West	2	1	1	...	4	4	3	1	...	8	2	4	...	...	6
North-West	2	2	6	...	10	4	4	3	...	11	1	5	1	...	7
Calm	1	..	...	5	6	...	...	...	1	1	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant (Percentage)	12					19					73				
Resultant (Direction)	N. 32° E.					S. 61° W.					S. 15° W.				
Mean diurnal velocity of wind in miles	208·7					208·7					380·8				
Average Resultant (Percentage)	19					23					60				
Average Resultant (Direction) 15 Years.	N. 1° E.					S. 50° W.					S. 33° W.				
Average diurnal velocity of wind in miles 16-18 Years.	150·5					189·3					294·6				

	APRIL.					MAY.					JUNE.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	...	...	1	...	1	...	1	...	...	1	1	1	...	...	2
North-East	1	...	...	2	3	1	2	1	1	5	1	1	1	1	4
East	1	1	...	...	2	3	1	2	1	7	1	1	1	2	5
South-East	...	...	5	5	10	6	5	10	10	31	2	2	5	3	12
South	11	16	20	18	65	16	14	17	14	61	14	15	17	17	63
South-West	15	10	4	5	34	5	6	1	3	15	11	10	6	5	32
West	1	1	...	...	2	..	1	...	1	2	...	...	...	2	2
North-West	1	2	...	...	3	...	1	...	1	2	...	...	...	...	...
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant (Percentage)	77					72					76				
Resultant (Direction)	S. 11° W.					S. 12° E.					S. 5° W.				
Mean diurnal velocity of wind in miles	427·7					434·5					487·3				
Average Resultant (Percentage)	76					69					69				
Average Resultant (Direction) 15 Years.	S. 20° W.					S. 12° W.					S. 15° W.				
Average diurnal velocity of wind in miles 16-18 Years.	401·2					367·3					350·2				

	JULY.					AUGUST.					SEPTEMBER.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	1	...	1	1	3	...	1	...	1	2	2	4	4	2	12
North-East	1	2	...	1	4	1	1	...	...	2	...	1	...	1	2
East	2	3	...	2	7	1	2	2	...	5	...	1	2	1	4
South-East	1	3	5	4	13	4	9	10	8	31	2	3	7	6	18
South	6	5	9	10	30	13	8	11	16	48	10	8	7	10	35
South-West	13	8	8	8	37	10	7	7	6	30	9	7	5	7	28
West	2	3	1	...	6	1	2	1	...	4	4	3	2	1	10
North-West	...	3	2	...	5	...	...	...	...	...	3	3	3	2	11
Calm	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...
Resultant (Percentage)	55					72					42				
Resultant (Direction)	S. 17° W.					S. 2° E.					S. 23° W.				
Mean diurnal velocity of wind in miles	349·7					373·1					281·4				
Average Resultant (Percentage)	59					54					48				
Average Resultant (Direction) 14-15 Years.	S. 24° W.					S. 17° W.					S. 4° W.				
Average diurnal velocity of wind in miles 16-17 Years.	340·5					298·7					241·3				

	OCTOBER.					NOVEMBER.					DECEMBER.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	5	10	11	10	36	12	16	14	11	53	19	22	26	18	85
North-East	6	3	2	2	13	9	5	3	5	22	8	6	1	8	23
East	4	2	2	2	10	2	1	1	1	5	...	...	...	...	...
South-East	2	2	3	1	8	...	...	...	1	1	...	...	...	...	...
South	2	2	4	4	12	1	...	...	...	1	...	...	...	...	...
South-West	4	2	1	2	9	1	...	1	2	4	1	...	...	2	3
West	5	2	2	3	12	3	...	2	1	6	...	...	1	...	1
North-West	2	5	4	3	14	2	7	9	4	22	3	3	3	2	11
Calm	...	...	...	2	2	...	...	...	5	5	...	...	...	1	1
Variable	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...
Resultant (Percentage)	27					67					86				
Resultant (Direction)	N. 6° W.					N. 2° W.					N. 3° E.				
Mean diurnal velocity of wind in miles	179·7					169·7					204·7				
Average Resultant (Percentage)	13					58					56				
Average Resultant (Direction) 14-15 Years.	N. 10° E.					N. 5° E.					N. 7° E.				
Average diurnal velocity of wind in miles 16-17 Years.	155·8					154·2					152·9				

55.—EASTERN CHANNEL (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	14 hours.	Total.
North	Imperfect.			2	3	5	...	...	...	...	...	...	1	...	1	...	...	...
North-East				6	4	10	...	...	...	...	...	...	...	2	2	...	...	...
East				...	...	...	...	...	...	...	...	...	2	1	3	1	2	3
South-East				...	1	1	...	...	...	...	...	...	3	4	7	2	2	4
South				...	...	...	5	5	10	3	3	6	5	6	11	8	9	17
South-West				8	9	17	22	23	45	25	25	50	13	11	24	19	17	36
West				2	1	3	1	1	2	1	1	2	...	...	...	...	...	...
North-West				5	5	10	1	...	1	1	...	1	...	...	...	...	...	...
Calm				1	1	2	...	...	...	...	1	1	...	...	...	...	...	...
Variable				2	2	4	2	2	4	...	...	...	...	...	...	...	...	...
Resultant Percentage	?			30			87			93			65			82		
Resultant Direction	?			N. 66° W.			S. 40° W.			S. 43° W.			S. 14° W.			S. 23° W.		
Mean diurnal velocity of wind in miles	...			...			...			...			...			...		
Average Resultant Percentage	...			...			...			...			...			...		
Average Resultant Direction Years.	...			...			...			...			...			...		
Average diurnal velocity of wind in miles Years.	...			...			...			...			...			...		

	JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	Not received.																	
North-East																		
East																		
South-East																		
South																		
South-West																		
West																		
North-West																		
Calm																		
Variable																		
Resultant Percentage	...			...			...			...			...			...		
Resultant Direction	...			...			...			...			...			...		
Mean diurnal velocity of wind in miles	...			...			...			...			...			...		
Average Resultant Percentage	...			...			...			...			...			...		
Average Resultant Direction Years.	...			...			...			...			...			...		
Average diurnal velocity of wind in miles Years.	...			...			...			...			...			...		

56.—CUTTACK (*2 observations daily*).

	January.			February.			March.			April.			May.			June.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	3	1	4	2	1	3	...	...	...	...	1	1	...	1	1	1	...	1
North-East	8	4	12	6	6	12	2	1	3	1	...	1	4	1	5	2	2	4
East	5	2	7	2	2	4	5	6	11	...	1	1	1	5	6	1	2	3
South-East	5	2	7	1	1	2	5	4	9	...	1	1	5	4	9	1	1	2
South	2	4	6	6	2	8	8	9	17	13	17	30	13	12	25	8	15	23
South-West	4	4	8	5	6	11	10	6	16	13	7	20	7	6	13	10	3	13
West	2	9	11	6	8	14	...	4	4	3	1	4	1	...	1	4	4	8
North-West	2	4	6	...	2	2	1	1	2	...	2	2	...	1	1	...	1	1
Calm	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	3	2	5
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	1			18			50			75			58			52		
Resultant Direction	N. 75° W			S. 65° W.			S. 5° E.			S. 22° W.			S. 8° E.			S. 20° W.		
Mean diurnal velocity of wind in miles	27·8			27·2			64·4			90·9			106·5			98·2		
Average Resultant Percentage (15 Years.)	11			13			43			62			61			53		
Average Resultant Direction (15 Years.)	N. 45° E.			S. 16° W.			S. 16° W.			S. 17° W.			S. 5° W.			S. 31° W.		
Average diurnal velocity of wind in miles (14-16 Years.)	34·7			53·5			83·7			122·4			121·9			95·8		

	July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	...	...	...	...	...	...	...	...	3	2	5	...	2	2	2	1	3
North-East	...	...	...	2	1	3	...	...	...	11	10	21	12	8	20	10	10	20
East	1	...	1	3	4	7	...	...	...	3	4	7	7	5	12	2	4	6
South-East	1	...	1	1	3	4	1	...	1	...	1	1	...	...	...	...	...	...
South	3	3	6	2	4	6	2	3	5	3	1	4	...	...	...	16	...	16
South-West	9	6	15	12	6	18	3	5	8	1	...	1	...	...	...	...	...	...
West	3	5	8	4	2	6	7	1	8	2	1	3	1	...	1	...	...	...
North-West	1	...	1	...	1	1	3	1	4	3	1	4	1	...	1	1	...	1
Calm	13	16	29	7	10	17	14	16	30	5	11	16	9	15	24	...	16	16
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	40			33			32			38			49			31		
Resultant Direction	S. 47° W.			S. 22° W.			S. 62° W.			N. 43° E.			N. 55° E.			N. 85° E.		
Mean diurnal velocity of wind in miles	66·6			56·5			42·0			28·3			32·4			17·6		
Average Resultant Percentage (15 Years.)	52			45			20			25			43			35		
Average Resultant Direction (15 Years.)	S 44° W.			S. 44° W.			S. 10° W.			N. 32° E.			N. 1° W.			N. 12° E.		
Average diurnal velocity of wind in miles (15-16 Years.)	77·8			61·3			57·5			45·2			40·7			30·9		

57.—FALSE POINT (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	6	...	6	6	...	6	...	...	...	...	...	...	1	...	1	...	...	...
North-East	11	7	18	7	7	14	...	...	...	...	...	...	...	2	2	2	2	4
East	2	9	11	...	6	6	1	3	4	...	1	1	3	...	3	1	2	3
South-East	...	4	4	...	2	2	1	5	6	...	3	3	5	7	12	1	2	3
South	1	5	6	2	6	8	11	12	23	15	18	33	10	15	25	10	11	21
South-West	4	6	10	8	7	15	15	11	26	14	8	22	11	7	18	13	13	26
West	3	...	3	2	...	2	...	...	...	1	...	1	1	...	1	3	...	3
North-West	2	...	2	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...
Calm	2	...	2	3	...	3	2	...	2	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	25			11			75			87			71			68		
Resultant Direction	N. 74° E.			S. 49° E.			S. 14°W.			S. 15°W.			S. 1°W.			S. 19°W.		
Mean diurnal velocity of wind in miles	178·4			212·6			327·2			339·4			349·7			375·8		
Average Resultant Percentage (14-15 Years.)	22			16			58			79			71			63		
Average Resultant Direction (14-15 Years.)	N. 51° E.			S. 12°W.			S. 38°W.			S. 38°W.			S. 31°W.			S. 45°W.		
Average diurnal velocity of wind in miles (9 Years.)	144·7			179·4			260·9			320·0			303·2			276·4		

	JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	...	...	...	...	...	...	1	1	9	1	10	17	3	20	25	1	26
North-East	1	2	3	1	1	2	...	...	...	2	10	12	9	19	28	3	22	25
East	1	3	4	3	3	6	1	3	4	5	10	15	1	7	8	...	7	7
South-East	1	3	4	5	6	11	1	5	6	3	1	4	...	1	1	...	...	...
South	2	5	7	6	11	17	7	11	18	1	3	4	...	...	...	...	...	...
South-West	11	12	23	5	6	11	5	4	9	2	2	4	...	...	...	...	...	...
West	10	4	14	7	4	11	9	2	11	1	...	1	...	...	...	...	...	...
North-West	4	...	4	1	...	1	6	2	8	7	1	8	3	...	3	3	...	3
Calm	1	1	2	3	...	3	1	2	3	...	1	1	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	53			50			44			38			82			84		
Resultant Direction	S. 49°W			S. 8°W.			S. 34°W.			N. 49°E.			N. 33°E.			N. 26°E.		
Mean diurnal velocity of wind in miles	265·5			262·2			200·2			164·3			158·8			158·3		
Average Resultant Percentage (14-15 Years.)	64			53			36			25			57			64		
Average Resultant Direction (14-15 Years.)	S. 59°W			S. 57°W.			S. 25°W.			N. 40°E.			N. 22°E.			N. 43°E.		
Average diurnal velocity of wind in miles (7-9 Years.)	251·5			228·8			190·1			145·7			155·2			150·7		

58.—SAMBALPUR (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	2	3	2	2	4	...	1	1	2	1	3	...	5	5	...	1	1	...	1	1	...	1	1	1	...	1	3	2	5	6	5	11	1	5	6
North-East	11	3	14	11	3	14	13	4	17	5	7	12	10	4	14	1	4	5	1	3	4	2	2	4	1	3	4	11	12	23	17	16	33	20	16	36
East	2	...	2	1	...	1	1	...	1	...	...	...	2	1	3	...	...	...	1	...	1	2	...	2	2	...	2	3	2	5	3	2	5	...	...	...
South-East	2	2	4	...	...	...	3	2	5	4	2	6	3	3	6	1	3	4	1	2	3	4	6	10	2	1	3	4	5	9	...	2	2	2	...	2
South	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	1	...	1	1	...	1	1	1	2	1	1	2	1	1	2	...	...	...	...	...	...
South-West	5	6	11	7	12	19	12	9	21	17	7	24	14	9	23	19	12	31	20	19	39	16	16	32	15	13	28	1	...	1	1	...	1	1	...	1
West	...	2	2	2	1	3	...	3	3	...	1	1	...	1	1	5	4	9	2	2	4	6	3	9	3	4	7	1	1	2	1	1	2	...	2	2
North-West	10	16	26	5	10	15	2	12	14	1	12	13	2	8	10	3	6	9	5	4	9	...	1	1	5	8	13	7	8	15	2	4	6	7	8	15
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	40			35			19			24			12			57			61			55			52			43			72			68		
Resultant Direction	N 33° W.			N. 56° W.			N. 68° W.			S. 84° W.			N. 78° W.			S. 64° W.			S. 57° W.			S. 37° W.			S. 69° W.			N. 32° E.			N. 32° E.			N. 19° E.		
Mean diurnal velocity of wind in miles	32·1			30·3			35·2			43·7			60·9			77·7			93·8			71·1			42·6			41·2			37·5			33·5		
Average Resultant Percentage (14-15 Years.)	30			19			29			40			37			42			45			42			13			29			53			48		
Average Resultant Direction (14-15 Years.)	N. 48° W.			N. 52° W.			N. 88° W.			S. 80° W.			S. 62° W.			S. 59° W.			S. 50° W.			S. 54° W.			S. 49° W.			N. 7° E.			N. 1° W.			N. 13° W.		
Average diurnal velocity of wind in miles. (4-5 Years.)	37·8			41·0			47·0			61·2			71·9			81·7			86·4			72·0			52·3			47·7			33·0			33·0		

59.—RAIPUR (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	2	2	4	...	6	6	1	2	3	2	8	10	6	5	11	...	1	1	...	1	1	1	...	1	1	2	3	5	6	11	7	8	15	3	8	11
North-East	5	...	5	8	4	12	7	2	9	2	4	6	2	2	4	1	...	1	...	1	1	2	4	6	3	2	5	10	15	25	14	13	27	14	13	27
East	2	...	2	7	...	7	5	1	6	1	...	1	1	2	3	2	...	2	1	...	1	2	3	5	2	2	4	6	4	10	7	4	11	12	5	17
South-East	2	1	3	1	...	1	...	...	...	2	...	2	1	...	1	...	1	1	...	...	...	1	...	1	...	...	...	1	2	3	...	...	...	...	...	...
South	3	2	5	1	...	1	2	...	2	4	2	6	1	1	2	...	3	3	1	2	3	...	1	1	2	1	3	1	...	1	1	...	1	...	...	...
South-West	10	6	16	3	5	8	7	4	11	9	6	15	5	5	10	13	9	22	10	12	22	13	11	24	6	7	13	...	...	...	...	...	...	...	...	...
West	6	10	16	5	8	13	8	10	18	9	5	14	6	7	13	13	12	25	14	12	26	11	11	22	10	9	19	2	2	4	...	...	...	1	...	1
North-West	1	8	9	2	5	7	1	9	10	1	5	6	9	9	18	1	3	4	5	3	8	1	1	2	5	6	11	4	2	6	1	4	5	...	5	5
Calm	...	2	2	1	...	1	...	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	2	...	2	...	1	1	1	...	1
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	43			25			35			37			50			72			76			53			48			59			75			74		
Resultant Direction	S. 80° W.			N. 32° W.			N. 72° W.			N. 89° W.			N. 57° W.			S. 70° W.			S. 76° W.			S. 68° W.			N. 86° W.			N. 36° E.			N. 36° E.			N. 43° E.		
Mean diurnal velocity of wind in miles	108·6			90·4			144·2			179·4			247·4			288·2			348·5			251·9			174·4			116·4			108·4			88·4		
Average Resultant Percentage (14-15 Years.)	21			13			20			35			39			66			77			64			29			37			57			48		
Average Resultant Direction (14-15 Years.)	N. 5° E.			N. 49° W.			N. 79° W.			N. 88° W.			N. 78° W.			S. 74° W.			S. 68° W.			S. 76° W.			S. 69° W.			N. 28° E.			N. 31° E.			N. 35° E.		
Average diurnal velocity of wind in miles (16-18 Years.)	62·4			88·3			112·5			140·8			178·7			208·2			279·5			176·0			140·8			92·0			79·9			62·7		

60.—NAGPUR (*4 observations daily*).

	January.					February.					March.					April.					May.					June.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	11	2	2	5	20	18	11	6	5	40	13	7	4	6	30	8	2	5	3	18	15	17	7	11	50	3	4	2	4	13
North-East	8	16	2	4	30	6	12	4	7	29	4	8	2	6	20	9	3	2	8	22	4	5	7	2	18	1	...	2	...	3
East	2	2	2	7	13	...	1	3	6	10	1	6	...	...	7	3	4	4	3	14	...	1	1	...	2	...	...	1	...	1
South-East	1	...	2	8	11	...	...	...	4	4	1	1	1	...	3	...	3	2	7	12	...	...	2	1	3	1	...	3	1	5
South	...	3	7	2	12	...	...	2	1	3	1	...	1	3	5	3	6	5	3	17	...	...	...	2	2	3	1	3	7	14
South-West	2	1	3	...	6	...	1	3	1	5	...	1	6	1	8	3	7	2	3	15	...	...	1	1	2	6	5	5	9	25
West	3	2	5	1	11	...	...	5	2	7	2	2	7	4	15	3	3	6	1	13	4	1	4	4	13	9	8	7	3	27
North-West	4	5	8	4	21	3	3	3	2	11	9	6	8	11	34	1	2	4	2	9	8	7	9	10	34	5	11	6	5	27
Calm	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant (Percentage)	28					55					49					7					68					49				
Resultant (Direction)	N. 20° E.					N. 14° E.					N. 21° W.					N. 65° E.					N. 15° W.					S. 89° W.				
Mean diurnal velocity of wind in miles	135·8					128·9					157·9					161·6					289·3					255·8				
Average Resultant (Percentage) 14-15 Years.	30					17					6					20					44					52				
Average Resultant (Direction) 14-15 Years.	N. 72° E.					N. 55° E.					N. 20° W.					N. 63° W.					N. 41° W.					N. 76° W.				
Average diurnal velocity of wind in miles 17-19 Years.	73·3					93·3					107·5					126·8					168·4					183·0				

	July.					August.					September.					October.					November.					December.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	...	...	1	...	1	1	2	2	1	6	3	3	8	4	18	17	7	8	4	36	18	15	10	9	52	20	21	5	4	50
North-East	...	...	2	...	2	...	1	...	...	1	1	3	2	2	8	6	14	15	15	50	8	10	14	15	47	4	8	16	17	45
East	...	...	...	1	1	1	...	...	...	1	1	1	1	...	3	2	4	3	6	15	...	3	3	1	7	3	1	8	7	19
South-East	...	...	...	...	...	...	...	1	1	2	...	...	...	1	1	...	...	2	2	4	...	...	1	...	1	...	...	2	1	3
South	5	2	1	4	12	6	1	1	5	13	...	1	1	3	5	...	...	...	2	2	...	...	1	...	1	...	...	...	...	...
South-West	14	14	13	14	55	10	12	14	12	48	8	5	5	3	21	...	1	1	...	2	...	...	...	...	...	...	...	...	...	...
West	9	12	12	9	42	9	11	10	9	39	7	5	8	6	26	...	1	1	...	2	...	...	...	...	...	...	...	...	...	...
North-West	3	3	2	2	10	4	4	3	3	14	10	12	5	10	37	6	4	1	1	12	3	1	1	1	6	4	1	...	...	5
Calm	...	...	...	1	1	...	...	...	...	...	...	...	...	1	1	...	...	...	1	1	...	...	...	3	3	...	...	...	2	2
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant (Percentage)	77					69					54					68					81					78				
Resultant (Direction)	S. 64° W.					S. 68° W.					N. 63° W.					N. 29° E.					N. 23° E.					N. 31° E.				
Mean diurnal velocity of wind in miles	315·0					194·0					155·4					134·4					123·2					106·2				
Average Resultant (Percentage) 15 Years.	69					62					37					51					69					52				
Average Resultant (Direction) 15 Years.	N. 88° W.					N. 76° W.					N. 54° W.					N. 37° E.					N. 60° E.					N. 64° E.				
Average diurnal velocity of wind in miles 18-19-Years.	188·8					143·5					118·2					88·9					71·2					67·5				

TABLE IX.—DIRECTION AND MEAN MOVEMENT OF WINDS IN 1887.

61.—SEONI (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	2	4	6	1	10	11	3	5	8	2	9	11	5	9	14	1	4	5	1	5	6	2	3	5	2	7	9	3	4	7	2	3	5	3	4	7
North-East	3	...	3	8	3	11	6	5	11	3	...	3	1	...	1	1	...	1	...	1	1	1	2	...	2	3	2	5	6	12	18	8	9	17	4	8	12
East	3	...	3	6	2	8	4	2	6	5	2	7	...	...	...	1	3	4	1	...	1	1	...	1	2	2	4	9	6	15	8	10	18	8	11	19
South-East	6	1	7	2	...	2	2	...	2	4	4	8	1	1	2	1	1	2	...	1	1	...	1	1	2	3	3	3	6	5	2	7	6	1	7
South	3	11	14	...	...	...	1	...	1	5	...	5	2	1	3	5	9	14	2	2	4	2	4	6	...	3	3	1	1	2	3	2	5	3	1	4
South-West	7	3	10	2	2	4	1	4	5	5	4	9	2	2	4	6	3	9	6	5	11	8	10	18	2	1	3	...	...	...	...	...	...	...	1	1
West	2	7	9	4	6	10	5	9	14	3	5	8	7	5	12	9	5	14	14	13	27	9	9	18	9	4	13	1	1	2	...	...	...	2	1	3
North-West	2	5	7	2	5	7	6	6	12	1	6	7	11	5	16	4	5	9	6	3	9	4	4	8	9	9	18	6	4	10	2	4	6	2	4	6
Calm	3	...	3	3	...	3	3	...	3	2	...	2	2	8	10	2	...	2	1	1	2	3	...	3	2	...	2	2	...	2	2	...	2	3	...	3
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant — Percentage	27			35			34			8			49			38			62			55			43			50			55			43		
Resultant — Direction	S. 40° W.			N. 2° W.			N. 31° W.			N. 77° W.			N. 52° W.			S. 65° W.			N. 89° W.			S. 78° W.			N. 45° W.			N. 48° E.			N. 70° E.			N. 68° E.		
Mean diurnal velocity of wind in miles	78·4			61·0			93·7			96·1			151·3			145·8			198·6			150·1			87·6			54·6			52·8			37·7		
Average Resultant — Percentage (14-15 Years.)	11			10			16			29			39			47			57			50			29			49			54			38		
Average Resultant — Direction (14-15 Years.)	N. 75° E.			N. 40° W.			N. 71° W.			N. 71° W.			N. 58° W.			S. 83° W.			S. 78° W.			N. 86° W.			N. 56° W.			N. 28° E.			N. 55° E.			N. 44° E.		
Average diurnal velocity of wind in miles (17-18 Years.)	64·4			70·3			82·5			91·3			111·2			137·4			147·7			114·3			92·8			73·4			61·4			59·0		

62.—JUBBULPORE (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	Untrustworthy.			2	3	5	2	4	6	1	1	2	1	2	3	...	3	3	1	...	1	...	...	...	1	...	1	...	2	2	2	5	7	3	4	7
North-East				5	5	10	6	3	9	5	2	7	...	3	3	...	3	3	...	1	1	1	1	2	2	3	5	2	8	10	8	12	20	1	12	13
East				3	...	3	2	...	2	2	1	3	...	...	...	...	...	...	...	...	...	...	1	1	1	...	1	3	3	6	4	4	8	1	1	2
South-East				1	...	1	...	1	1	2	2	4	...	...	...	...	...	...	1	1	2	1	2	3	1	1	2	3	...	3	2	...	2	4	2	6
South				5	...	5	4	...	4	4	1	5	1	...	1	3	3	6	2	3	5	2	...	2	...	2	2	...	1	1	...	1	5	...	5
South-West				3	3	6	3	5	8	6	6	12	4	4	8	5	7	12	4	6	10	5	6	11	4	2	6	5	2	7	...	...	...	...	...	...
West				4	5	9	10	9	19	7	7	14	17	11	28	16	10	26	18	14	32	15	13	28	15	12	27	4	3	7	1	1	2	1	2	3
North-West				2	8	10	2	7	9	4	9	13	7	11	18	6	2	8	5	6	11	7	5	12	5	6	11	2	5	7	2	2	4	...	6	6
Calm				3	4	7	2	2	4	...	...	...	1	...	1	...	2	2	...	...	...	...	3	3	1	4	5	12	7	19	10	6	16	16	4	20
Variable				...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant — Percentage	?			24			38			35			74			64			72			64			56			10			48			22		
Resultant — Direction	?			N. 46° W.			N. 69° W.			W.			N. 76° W.			S. 84° W.			S. 85° W.			S. 87° W.			N. 82° W.			N. 16 W.			N. 41° E.			N. 36° E.		
Mean diurnal velocity of wind in miles	?			46·7			77·2			80·7			111·6			106·0			131·5			104·4			65·0			39·7			29·1			24·1		
Average Resultant — Percentage (14-15 Years.)	17			20			22			32			44			54			65			64			34			17			25			17		
Average Resultant — Direction (14-15 Years.)	N. 8° E.			N. 13° W.			N. 69° W.			N. 66° W.			N. 62° W.			N. 80° W.			N. 87° W.			N. 84° W.			N. 69° W.			N. 3° E.			N. 47° E.			N. 32° E.		
Average diurnal velocity of wind in miles (17-19 Years.)	51·6			59·9			71·7			83·1			107·7			127·9			119·5			109·2			81·1			51·0			42·6			42·7		

63.—SAUGOR (*2 observations daily*).

	January.			February.			March.			April.			May.			June.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	3	3	6	3	6	9	3	5	8	3	5	8	1	8	9	2	3	5
North-East	3	2	5	10	3	13	7	3	10	2	4	6	1	3	4	...	1	1
East	3	1	4	4	1	5	2	...	2	3	...	3	...	...	...	...	...	...
South-East	7	1	8	2	...	2	3	...	3	4	...	4	...	...	...	...	1	1
South	3	...	3	1	...	1	2	1	3	2	...	2	1	...	1	1	3	4
South-West	9	7	16	4	3	7	3	6	9	5	3	8	5	3	8	9	9	18
West	3	9	12	4	8	12	7	8	15	7	9	16	10	8	18	15	9	24
North-West	...	8	8	...	7	7	4	8	12	4	9	13	13	9	22	3	4	7
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	27			30			36			39			68			68		
Resultant Direction	S. 73° W.			N. 22° W.			N. 57° W.			N. 62° W.			N. 60° W.			S. 80° W.		
Mean diurnal velocity of wind in miles	116·9			103·5			139·2			156·3			203·8			209·3		
Average Resultant Percentage	24			24			33			47			60			63		
Average Resultant Direction 14-15 Years.	N. 13° E.			N. 6° W.			N. 55° W.			N. 73° W.			N. 89° W.			S. 82° W.		
Average diurnal velocity of wind in miles 15-16 Years.	66·0			68·3			77·5			89·6			105·4			125·5		

	July.			August.			September.			October.			November			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	2	1	3	2	2	4	3	5	8	3	8	11	5	10	15	...	6	6
North-East	2	1	3	...	1	1	6	3	9	6	8	14	6	11	17	5	11	16
East	...	...	...	...	2	2	...	1	1	3	2	5	8	2	10	7	3	10
South-East	...	...	...	...	1	1	2	...	2	8	2	10	8	2	10	15	3	18
South	1	...	1	...	2	2	1	...	1	3	1	4	...	1	1	4	2	6
South-West	5	11	16	11	5	16	6	6	12	2	...	2	1	...	1	...	...	...
West	13	13	26	13	11	24	8	6	14	2	2	4	2	...	2	...	3	3
North-West	8	5	13	5	7	12	4	9	13	4	8	12	...	4	4	...	3	3
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	72			65			44			30			53			47		
Resultant Direction	N. 87° W.			S. 89° W.			N. 61° W.			N. 26° E.			N. 48° E.			N. 89° E.		
Mean diurnal velocity of wind in miles	215·9			173·8			127·8			93·8			85·5			96·0		
Average Resultant Percentage	70			66			43			45			47			38		
Average Resultant Direction 15 Years.	S. 72° W.			S. 78° W.			N. 77° W.			N. 28° W.			N. 20° E.			N. 37° E.		
Average diurnal velocity of wind in miles 16-17 Years.	123·2			104·0			80·0			64·3			56·1			60·4		

TABLE IX.—DIRECTION AND MEAN MOVEMENT OF WINDS IN 1887.

64.—PACHMARHI (*up to May 4 afterwards 2 observations daily*).

	January.					February.					March.					April.					May.					June.		
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	10 hours.	16 hours.	Total.
North	Untrustworthy.					3	1	2	2	8	3	2	7	6	18	6	4	7	7	24	...	5	6	2	13	2	4	6
North-East						...	2	1	1	4	5	3	2	4	14	3	4	2	5	14	2	...	1	1	4	...	2	2
East						3	2	2	3	10	1	6	1	1	9	5	5	1	1	12	1	...	...	...	1	2	...	2
South-East						2	3	...	...	5	1	3	...	...	4	2	6	1	...	9	...	...	...	...	...	2	...	2
South						3	5	4	1	13	1	...	...	...	1	1	3	2	1	7	1	1	...	1	3	1	2	3
South-West						3	5	9	9	26	4	2	6	6	18	1	1	1	2	5	2	2	1	3	8	3	5	8
West						10	6	8	7	31	13	10	10	10	43	5	5	6	5	21	5	11	13	3	32	10	9	19
North-West						4	4	2	5	15	3	5	5	4	17	7	2	10	9	28	4	12	9	4	29	10	7	17
Calm						...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
Variable						...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant (Percentage)	?					41					42					33					68					55		
Resultant (Direction)	?					S. 73° W.					N. 63° W.					N. 24° W.					N. 63° W.					N. 74° W.		
Mean diurnal velocity of wind in miles	?					142·4					208·3					177·9					175·2					142·9		
Average Resultant (Percentage) 15 Years.	13					24					36					47					62					63		
Average Resultant (Direction) 15 Years.	N. 68° W.					N. 49° W.					N. 57° W.					N. 58° W.					N. 55° W.					N. 71° W.		
Average diurnal velocity of wind in miles 15-16 Years.	73·2					91·7					109·3					127·9					163·9					135·2		

	July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	1	2	3	...	3	2	6	8	5	5	10	3	3	6	1	2	3
North-East	...	...	...	2	...	2	1	2	3	2	7	9	7	10	17	2	4	6
East	1	...	1	...	1	1	2	2	4	10	8	18	9	8	17	12	12	24
South-East	...	...	...	1	...	1	2	...	2	7	3	10	8	3	11	9	10	19
South	2	1	3	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...
South-West	2	4	6	3	4	7	2	1	3	..	...	...	1	...	1	2	...	2
West	17	19	36	17	19	36	8	10	18	1	1	2	...	1	1	1	1	2
North-West	8	4	12	5	6	11	13	9	22	4	4	8	2	5	7	2	1	3
Calm	...	2	2	...	1	1	...	...	...	1	3	4	...	...	...	2	1	3
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant (Percentage)	77			74			60			44			56			59		
Resultant (Direction)	N. 86° W.			N. 82° W.			N. 52° W.			N. 60° E.			N. 64° E.			S. 81° E.		
Mean diurnal velocity of wind in miles	200·8			185·5			112·8			48·7			56·9			42·0		
Average Resultant (Percentage) 15 Years.	75			72			45			37			46			22		
Average Resultant (Direction) 15 Years.	N. 80° W.			N. 80° W.			N. 58° W.			N. 17° E.			N. 52° E.			N. 29° E.		
Average diurnal velocity of wind in miles 16-18 Years.	227·4			179·2			134·4			70·2			60·3			63·2		

65.—HOSHANGABAD (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	...	...	1	...	1	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North-East	7	3	10	7	5	12	6	2	8	6	2	8	...	...	...	...	...	...	1	1	2	...	...	...	...	...	...	2	2	4	6	4	10	8	7	15
East	5	2	7	10	8	18	4	1	5	4	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	3	11	18	14	32	20	16	36
South-East	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1	2	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South	1	1	2	...	...	...	1	2	3	...	1	1	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South-West	4	3	7	3	4	7	6	5	11	2	2	4	6	5	11	9	3	12	10	5	15	10	10	20	7	6	13	...	...	...	...	...	...	...	...	...
West	3	6	9	2	2	4	6	9	15	6	8	14	21	20	41	18	21	39	18	17	35	14	14	28	13	13	26	2	1	3	...	...	...	...	...	...
North-West	...	1	1	...	1	1	1	1	2	4	3	7	3	3	6	...	...	...	...	1	1	...	...	...	1	3	4	2	2	4	...	...	...	...	...	...
Calm	11	15	26	4	8	12	7	11	18	8	14	22	...	2	2	1	4	5	1	6	7	7	7	14	9	8	17	17	23	40	6	12	18	3	8	11
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	2			32			23			23			86			78			76			72			64			16			66			77		
Resultant Direction	N. 35° W.			N. 76° E.			S. 75° W.			N. 61° W.			S. 86° W.			S. 76° W.			S. 79° W.			S. 71° W.			S. 81° W.			N. 55° E.			N. 80° E.			N. 77° E.		
Mean diurnal velocity of wind in miles	28·7			56·4			56·7			51·6			109·4			98·5			113·8			71·9			42·0			24·9			37·0			34·8		
Average Resultant Percentage	39			18			15			32			54			71			77			73			50			25			66			63		
Average Resultant Direction (14-15 Years.)	N. 59° E.			N. 58° E.			N. 55° W.			S. 89° W.			W.			S. 88° W.			S. 76° W.			S. 79° W.			N. 86° W.			N. 12° E.			N. 60° E.			N. 61° E.		
Average diurnal velocity of wind in miles (17-18 Years.)	59·9			68·6			61·6			69·2			91·6			109·2			106·8			81·7			60·0			37·1			44·4			57·5		

66.—KHANDWA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	3	5	8	3	5	8	4	4	8	6	4	10	...	2	2	...	1	1	...	1	1	...	...	...	3	5	8	7	12	19	2	3	5	...	...	...
North-East	6	1	7	8	4	12	6	1	7	4	2	6	...	...	...	...	3	3	...	...	...	...	...	...	...	2	2	13	14	27	19	24	43	12	15	27
East	1	...	1	4	2	6	3	...	3	3	...	3	...	...	...	1	1	2	...	...	...	...	...	...	...	...	...	5	1	6	8	2	10	6	4	10
South-East	...	...	...	2	1	3	...	...	...	1	1	2	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	3	2	5	...	...	...	7	5	12
South	8	6	14	...	...	...	...	...	...	...	...	...	...	...	...	1	4	5	1	...	1	...	...	...	1	...	1	...	...	...	...	...	...	4	4	8
South-West	2	6	8	...	1	1	1	1	2	1	...	1	...	4	4	1	3	4	5	5	10	4	6	10	...	1	1	...	...	...	...	...	...	1	1	2
West	4	4	8	2	3	5	8	7	15	6	8	14	18	11	29	17	12	29	19	17	36	21	17	38	17	11	28	...	...	...	...	...	...	1	1	2
North-West	6	9	15	9	12	21	7	15	22	9	13	22	13	14	27	6	5	11	4	4	8	5	6	11	9	11	20	2	1	3	...	...	...	...	...	...
Calm	1	...	1	...	...	...	2	3	5	...	2	2	...	...	...	3	1	4	2	4	6	1	2	3	...	...	...	1	1	2	1	1	2	2	1	3
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	30			51			58			58			87			58			79			85			78			73			90			58		
Resultant Direction	N. 78° W.			N. 8° W.			N. 42° W.			N. 38° W.			N. 70° W.			N. 86° W.			S. 88° W.			N. 89° W.			N. 62° W.			N. 36° E.			N. 49° E.			N. 87° E.		
Mean diurnal velocity of wind in miles	84·9			68·8			117·2			113·6			253·2			142·9			151·3			?			203·6			68·8			71·0			67·0		
Average Resultant Percentage	23			32			48			62			69			71			80			80			66			28			55			41		
Average Resultant Direction (14-15 Years.)	N. 28° E.			N. 8° W.			N. 46° W.			N. 49° W.			N. 61° W.			N. 77° W.			N. 83° W.			N. 80° W.			N. 69° W.			N. 24° E.			N. 63° E.			N. 66° E.		
Average diurnal velocity of wind in miles (12-13 Years.)	67·2			85·6			110·3			134·1			218·6			221·7			200·9			182·0			147·6			69·5			61·2			57·0		

TABLE IX.—DIRECTION AND MEAN MOVEMENT OF WINDS IN 1887.

67.—CHANDA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	...	1	1	4	5	2	1	3	1	1	2	3	1	4	2	...	2	...	...	...	...	1	1	2	...	2	6	6	12	10	5	15	1	5	6
North-East	2	2	4	1	6	7	1	..	1	1	2	3	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	5	9	14	6	11	17	7	10	17
East	3	2	5	5	4	9	...	...	...	1	2	3	...	1	1	...	...	...	...	...	...	...	...	...	...	1	1	6	3	9	4	2	6	6	6	12
South-East	5	6	11	7	2	9	10	3	13	15	10	25	1	2	3	...	5	5	...	...	...	...	1	1	...	...	...	3	1	4	2	2	4	2	1	3
South	10	2	12	3	...	3	3	3	6	6	6	12	1	1	2	1	...	1	1	...	1	...	...	...	1	...	1	1	1	2	3	3	6	4	...	4
South-West	2	...	2	...	...	...	1	2	3	2	1	3	1	3	4	6	5	11	9	11	20	5	5	10	2	6	8	...	...	...	1	...	1	2	2	4
West	3	4	3	2	5	...	5	5	1	2	3	7	10	17	14	13	27	16	14	30	21	21	42	11	5	16	1	1	2	...	...	...	2	...	2
North-West	4	10	14	7	6	13	13	15	28	3	5	8	17	11	28	7	6	13	5	6	11	5	3	8	9	8	17	2	2	4	1	1	2	2	2	4
Calm	3	6	9	1	4	5	1	2	3	...	1	1	...	...	...	...	1	1	...	...	...	...	...	...	5	10	15	7	8	15	3	6	9	2	2	4
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	12			21			29			42			66			67			85			87			56			42			44			39		
Resultant { Direction	S. 2° E.			N. 32° E.			N. 70° W.			S. 29° E.			N. 64° W.			S. 88° W.			S. 82° W.			S. 89° W.			N. 77° W.			N. 40° E.			N. 45° E.			N. 57° E.		
Mean diurnal velocity of wind in miles	71·5			56·3			80·5			111·9			154·8			177·4			216·7			149·4			99·8			52·3			47·1			39·5		
Average Resultant { Percentage	23			15			9			21			31			54			70			62			42			32			48			37		
Average Resultant { Direction 14-15 Years.	S. 88° E.			S. 68° E.			S. 52° W.			S. 73° W.			N. 76° W.			W.			S. 88° W.			N. 80° W.			N. 70° W.			N. 48° E.			N. 62° E.			N. 63° E.		
Average diurnal velocity of wind in miles 16-18 Years.	49·3			65·0			76·6			92·1			117·7			150·7			149·6			128·5			99·3			55·8			43·6			38·4		

68.—SIRONCHA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	*Observatory temporarily closed.*									...	3	3	5	3	8	2	2	4	...	3	3	1	1	2	3	4	7	8	9	17	11	9	20	11	11	22
North-East										...	1	1	...	..	...	...	2	2	...	...	...	...	1	1	2	3	5	4	8	12	2	7	9	6	4	10
East										2	...	2	...	...	...	...	...	...	...	...	...	1	...	1	...	2	2	2	4	6	1	3	4	2	2	4
South-East										7	3	10	2	1	3	1	3	4	...	...	..	...	1	1	1	1	2	3	3	6	2	1	3	...	1	1
South										9	8	17	3	2	5	...	2	2	2	2	4	3	2	5	4	1	5	1	...	1	1	1	2	2	...	2
South-West										3	4	7	6	5	11	10	7	17	13	9	22	8	9	17	6	5	11	1	1	2	2	1	3	...	...	...
West										...	1	1	5	9	14	12	10	22	13	11	24	12	12	24	6	6	12	...	1	1	...	2	2	...	1	1
North-West										1	1	2	10	9	19	5	3	8	3	6	9	5	3	8	7	6	13	8	5	13	6	3	9	5	11	16
Calm										...	1	1	...	2	2	...	1	1	...	...	...	1	2	3	1	2	3	4	...	4	5	3	8	5	1	6
Variable										...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	...			...			...			55			54			60			76			65			38			47			44			61		
Resultant { Direction	..			...			...			S. 6° E.			N. 79° W.			S. 81° W.			S. 77° W.			S. 77° W.			N. 76° W.			N. 14° E.			N. 4° E.			N. 1° W.		
Mean diurnal velocity of wind in miles	...			...			...			85·5			127·6			111·6			100·4			69·3			66·0			64·2			50·5			42·3		
Average Resultant { Percentage	14			24			36			38			19			50			83			63			41			32			58			47		
Average Resultant { Direction 10 Years.	S. 75° E.			S. 15° E.			S. 2° W.			S. 14° W.			S. 30° W.			S. 72° W.			S. 79° W.			S. 85° W.			N. 85° W.			N. 9° E.			N. 7° E.			N. 1° W.		
Average diurnal velocity of wind in miles 10-12 Years.	45·0			66·2			79·1			99·7			114·4			108·9			101·1			82·5			70·4			63·9			63·0			49·5		

69.—CHIKALDA (2 *observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	4	1	5	5	4	9	12	7	19	11	5	16	17	14	31	15	10	25	15	8	23	18	14	32	20	22	42	8	16	24	3	16	19	...	6	6
North-East	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	6	1	7	2	..	2	1	...	1
East	1	1	2	...	...	...	1	...	1	3	1	4	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	3	1	4	1	...	1	...	1	1
South-East	2	2	4	2	...	2	5	...	5	2	1	3	...	...	..	...	1	1	...	...	...	...	...	...	...	...	...	1	...	1	2	...	2	2	...	2
South	12	12	24	10	3	13	4	1	5	6	3	9	...	...	..	3	4	7	...	1	1	...	...	...	...	...	...	2	1	3	6	...	6	11	3	14
South-West	2	2	4	1	3	4	...	1	1	...	3	3	...	3	3	1	1	2	1	1	2	...	..	...	...	...	...	...	...	...	2	..	2	2	...	2
West	3	5	8	2	8	10	...	9	9	2	8	10	3	7	10	2	5	7	7	10	17	3	4	7	2	1	3	...	...	...	...	...	...	...	2	2
North-West	6	8	14	4	7	11	7	8	15	5	2	7	10	6	16	6	6	12	7	6	13	8	8	16	4	6	10	...	2	2	...	3	3	...	1	1
Calm	1	...	1	4	3	7	2	5	7	1	7	8	1	1	2	3	3	6	1	5	6	2	5	7	4	...	4	11	10	21	14	11	25	15	18	33
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	35			34			42			22			75			49			65			76			84			44			23			15		
Resultant Direction	S. 47° W.			S. 89° W.			N. 38° W.			N. 55° W.			N. 30° W.			N. 34° W.			N. 43° W.			N. 23° W.			N. 1° W.			N. 9° E.			N. 1° E.			S. 6° W.		
Mean diurnal velocity of wind in miles	150·7			133·9			197·8			168·8			270·8			267·3			340·4			298·4			295·7			143·4			120·1			115·0		
Average Resultant Percentage	26			29			34			50			65			64			67			72			62			45			21			9		
Average Resultant Direction	S. 47° W.			N. 75° W.			N. 53° W.			N. 42° W.			N. 38° W.			N. 45° W.			N. 58° W.			N. 38° W.			N. 23° W.			N. 3° E.			N. 6° W.			N. 88° W.		
9-10 Years. Average diurnal velocity of wind in miles 11-12 Years.	111·1			136·2			166·3			187·9			218·1			230·0			246·0			246·6			228·0			130·8			99·6			97·8		

70.—BULDANA (2 *observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	3	4	7	7	9	16	12	5	17	12	4	16	3	5	8	...	3	3	...	...	...	2	4	6	8	8	16	9	6	15	...	8	8	...	3	3
North-East	1	...	1	...	4	4	2	3	5	4	4	8	...	1	1	1	1	2	...	...	...	...	...	...	1	1	2	6	13	19	3	14	17	4	14	18
East	1	...	1	3	2	5	2	1	3	2	2	4	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	9	5	14	15	5	20	9	7	16
South-East	4	1	5	6	...	6	1	...	1	1	2	3	...	...	...	...	3	3	...	...	...	...	...	...	...	...	...	3	2	5	7	...	7	14	2	16
South	7	9	16	2	1	3	...	1	1	1	1	2	...	..	...	2	2	4	...	1	1	...	...	...	...	...	...	1	...	1	2	...	2	3	1	4
South-West	6	5	11	3	...	3	1	...	1	...	2	2	...	...	...	3	3	6	5	6	11	3	2	5	...	...	...	...	...	...	1	...	1	...	...	...
West	1	2	3	...	2	2	2	4	6	...	4	4	3	8	11	8	6	14	16	16	32	12	6	18	3	2	5	...	...	...	...	...	...	...	...	...
North-West	7	9	16	7	8	15	11	17	28	9	5	14	25	17	42	15	12	27	10	8	18	14	18	32	17	18	35	2	1	3	...	...	...	..	...	...
Calm	1	1	2	...	2	2	...	...	...	1	6	7	...	...	...	...	...	...	...	...	...	...	1	1	1	1	2	1	4	5	2	3	5	1	4	5
Variable	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	30			36			69			44			89			59			85			82			85			63			64			65		
Resultant Direction	S. 64° W.			N. 8° W.			N. 27° W.			N. 8° W.			N. 46° W.			N. 68° W.			N. 86° W.			N. 60° W.			N. 34° W.			N. 48° E.			N. 71° E.			N. 89° E.		
Mean diurnal velocity of wind in miles	170·1			152·3			200·1			191·4			313·8			246·0			231·5			169·9			192·6			117·8			108·2			125·7		
Average Resultant Percentage	26			31			50			55			61			65			69			72			64			52			59			49		
Average Resultant Direction	N. 69° E.			N. 5° W.			N. 28° W.			N. 31° W.			N. 53° W.			N. 75° W.			N. 85° W.			N. 65° W.			N. 48° W.			N. 29° E.			N. 69° E.			N. 78° E.		
10-15 Years. Average diurnal velocity of wind in miles 8-9 Years.	132·8			147·1			183·0			219·2			291·3			265·4			231·3			205·2			201·6			120·8			119·2			123·1		

71.—AKOLA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	4	4	8	1	4	5	1	1	2	4	2	6	4	2	6	4	5	9	5	5	10	4	3	7	4	7	11	5	8	13	4	4	8	4	3	7
North-East	4	4	8	3	1	4	...	1	1	2	2	4	...	3	3	...	1	1	...	...	...	1	...	1	3	3	6	11	10	21	18	21	39	17	20	37
East	5	1	6	2	1	3	1	...	1	...	...	...	...	...	...	...	1	1	...	1	1	..	...	...	...	...	...	5	3	8	6	4	10	8	5	13
South-East	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2	1	1	2	...	...	...	...	..	...	...	...	...	1	...	1	2	...	2	1	1	2
South	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South-West	1	1	2	1	2	3	...	1	1	...	1	1	...	...	...	3	3	6	2	3	5	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...
West	3	7	10	11	13	24	13	11	24	6	12	18	5	6	11	5	7	12	9	5	14	7	10	17	7	2	9	...	1	1	...	...	...	...	...	...
North-West	14	13	27	8	6	14	14	16	30	17	13	30	22	18	40	16	10	26	15	15	30	17	17	34	16	17	33	7	4	11	...	1	1	...	...	...
Calm	...	1	1	2	1	3	2	1	3	1	...	1	...	...	..	..	..	.	...	2	2	1	...	1	...	1	1	2	5	7	...	...	...	1	2	3
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	. .	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant (Percentage)	59			61			81			79			81			62			75			83			80			61			36			83		
Resultant (Direction)	N. 31° W.			N. 63° W.			N. 62° W.			N. 52° W.			N. 46° W.			N. 58° W.			N. 54° W.			N. 54° W.			N. 36° W.			N. 23° E.			N. 51° E.			N. 52° E.		
Mean diurnal velocity of wind in miles	103·3			92·0			130·4			112·2			280·4			229·8			215·1			168·3			152·6			89·9			80·5			85·4		
Average Resultant (Percentage)	30			25			44			57			72			71			77			80			66			32			50			58		
Average Resultant (Direction) 15 Years.	N. 54° E.			N. 1° E.			N. 43° W.			N. 48° W.			N. 51° W.			N. 71° W.			N. 74° W.			N. 71° W.			N. 66° W.			N. 20° E.			N. 64° E.			N. 61° E.		
Average diurnal velocity of wind in miles 14-15 Years.	81·6			91·4			105·6			130·1			206·2			213·9			200·5			190·2			140·2			78·7			81·6			75·5		

72.—AMRAOTI (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	2	3	5	3	4	7	3	2	5	3	4	7	1	2	3	...	2	2	...	2	2	1	...	1	1	6	7	1	3	4	...	4	4	...	4	4
North-East	5	...	5	9	3	12	5	5	10	4	6	10	...	2	2	...	1	1	...	...	...	...	1	1	3	2	5	15	13	28	13	13	26	5	6	11
East	3	3	6	5	1	6	6	...	6	2	3	5	...	1	1	...	...	...	...	...	...	...	...	...	1	...	1	9	9	18	13	8	21	16	16	32
South-East	4	2	6	3	2	5	4	1	5	6	1	7	...	1	1	..	3	3	...	...	...	...	...	...	...	1	1	3	...	3	4	3	7	9	5	14
South	6	3	9	2	2	4	...	1	1	4	1	5	...	...	...	1	1	2	...	1	1	...	1	1	...	1	1	1	...	1	...	1	...	...	...	...
South-West	3	5	8	2	4	6	3	5	8	2	4	6	5	5	10	7	9	16	5	7	12	7	4	11	1	...	1	1	...	1	...	1	...	...	...	...
West	4	7	11	2	6	8	6	11	17	5	6	11	16	12	28	17	11	28	21	20	41	17	22	39	13	10	23	1	1	2	...	...	...	...	...	...
North-West	4	7	11	2	5	7	4	6	10	4	4	8	9	8	17	5	3	8	5	1	6	6	3	9	9	9	18	...	1	1	...	1	1	...	...	...
Calm	...	1	1	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2	3	1	3	4	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant (Percentage)	18			16			26			11			72			71			87			85			63			68			78			79		
Resultant (Direction)	S. 76° W.			N. 5° E.			N. 56° W.			N. 35° W.			N. 79° W.			S. 80° W.			S. 87° W.			S. 89° W.			N. 56° W.			N. 60° E.			N. 69° E.			N. 89° E.		
Mean diurnal velocity of wind in miles	95·6			82·8			98·7			113·6			176·5			185·7			225·1			148·1			148·2			119·4			154·7			131·5		
Average Resultant (Percentage)	10			4			25			33			50			63			73			71			45			42			61			51		
Average Resultant (Direction) 15 Years.	S. 88° E.			N. 34° E.			N. 87° W.			N. 55° W.			N. 57° W.			S. 69° W.			N. 82° W.			N. 77° W.			N. 63° W.			N. 55° E.			N. 74° E.			N. 83° E.		
Average diurnal velocity of wind in miles 13-14 Years.	77·1			89·3			97·1			106·3			142·9			176·8			181·9			146·0			106·6			68·6			73·1			74·7		

73.—MAKHLA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	1	2	1	2	3	2	2	4	7	4	11	4	2	6	...	...	...	1	...	1	3	...	3	5	5	10	3	10	13	...	12	12	1	6	7
North-East	...	...	...	1	...	1	1	...	1	1	4	5	...	...	...	...	...	...	...	...	...	...	1	1	3	1	4	8	3	11	2	3	5	...	1	1
East	3	1	4	...	...	...	1	...	1	2	...	2	...	...	...	...	1	1	1	...	1	...	...	...	1	...	1	2	1	3	3	...	3	5	...	5
South-East	11	4	15	7	...	7	5	1	6	5	4	9	...	...	...	4	3	7	...	...	...	...	...	...	5	1	6	14	1	15	11	3	14			
South	1	5	6	3	...	3	...	...	...	1	...	1	...	...	...	1	2	3	...	...	...	...	...	...	2	...	2	6	...	6	11	10	21			
South-West	3	3	6	3	3	6	3	4	7	2	3	5	...	4	4	6	4	10	10	9	19	5	4	9	1	1	2	3	...	3	1	...	1	1	1	2
West	2	3	5	4	4	8	4	7	11	4	6	10	10	11	21	14	12	26	6	8	14	10	13	23	6	6	12	...	...	...	...	...	...	1	2	3
North-West	10	14	24	9	19	28	15	17	32	8	9	17	17	14	31	5	5	10	13	10	23	13	13	26	13	16	29	8	16	24	4	12	16	1	7	8
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	3	1	2	3	...	...	...	1	...	1	...	...	...	...	2	2	...	1	1
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...
Resultant Percentage	19			51			60			35			84			59			71			80			73			48			18			32		
Resultant Direction	S. 81° W.			N. 67° W.			N. 61° W.			N. 41° W.			N. 61° W.			S. 77° W.			N. 85° W.			N. 72° W.			N. 43° W.			N. 8° W.			N. 28° E.			S. 16° E.		
Mean diurnal velocity of wind in miles	...			...			...			...			...			...			...			...			...			...			...			...		
Average Resultant Percentage (8 Years)	32			46			43			42			52			54			65			63			57			34			24			29		
Average Resultant Direction (8 Years)	S. 79° W.			S. 83° W.			N. 75° W.			N. 67° W.			N. 73° W.			N. 83° W.			S. 81° W.			S. 82° W.			N. 89° W.			N. 59° W.			N. 83° W.			S. 80° W.		
Average diurnal velocity of wind in miles (7 Years)	...			...			...			...			...			...			...			...			...			...			...			...		

74.—NEEMUCH (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	...	1	Imperfect.			2	2	4	Imperfect.			1	2	3	1	1	2	...	1	1	1	...	1	2	4	6	2	2	4	2	2	4	1	1	2
North-East	...	...	...				2	2	4				...	...	...	...	...	...	1	...	1	...	...	...	3	4	7	2	6	8	10	9	19	8	11	19
East	1	...	1				4	2	6				...	...	...	...	...	...	...	1	1	...	1	1	1	1	2	7	4	11	10	11	21	15	12	27
South-East	4	2	6				4	2	6				...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	4	9	7	7	14	5	3	8
South	9	6	15				1	1	2				...	...	...	2	5	7	...	1	1	...	...	...	...	...	...	...	...	...	1	...	1	1	...	1
South-West	9	11	20				5	5	10				10	10	20	12	9	21	15	10	25	6	9	15	6	7	13	4	4	8	...	...	...	...	1	1
West	...	4	4				10	12	22				10	7	17	14	12	26	14	18	32	20	18	38	14	11	25	7	8	15	...	...	...	...	3	3
North-West	2	4	6				3	5	8				1	2	3	1	3	4	1	...	1	4	3	7	4	3	7	4	3	7	...	1	1	1	...	1
Calm	...	...	...				...	...	...				...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...				...	...	...				...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	62			?			35			?			80			78			83			85			55			6			74			69		
Resultant Direction	S. 31° W.			?			S. 88° W.			?			S. 75° W.			S. 69° W.			S. 72° W.			S. 85° W.			N. 78° W.			N. 45° W.			N. 81° E.			N. 78° E.		
Mean diurnal velocity of wind in miles	184·0			?			Not recorded.			?			Not recorded.						?			317·1			267·8			212·3			146·6			140·3		
Average Resultant Percentage (9-10 Years)	29			26			48			61			77			77			78			79			56			27			20			22		
Average Resultant Direction (9-10 Years)	S. 14° W.			S. 44° W.			S. 65° W.			S. 77° W.			S. 67° W.			S. 62° W.			S. 61° W.			S. 61° W.			S. 81° W.			N. 74° W.			S. 53° E.			S. 21° E.		
Average diurnal velocity of wind in miles (7-9 Years)	194·2			219·0			218·5			246·8			296·8			340·3			293·4			285·2			245·6			188·6			180·4			194·5		

75.—NOWGONG (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	2	2	4	2	1	3	3	6	9	...	3	3	...	9	9	1	6	7	1	3	4	2	4	6	2	4	6	3	7	10	4	8	12	...	3	3
North-East	3	3	6	...	...	..	1	...	1	2	...	2	...	1	1	...	2	2	2	1	3	1	1	2	2	4	6	3	3	6	1	3	4	1	2	3
East	4	4	8	...	...	...	3	...	3	2	...	2	9	...	9	1	1	2	1	4	5	2	3	5	3	2	5	4	4	8	4	2	6	5	6	11
South-East	...	1	1	...	...	...	2	...	2	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	1	..	1	1	1	2	1	...	1	4	1	5
South	4	1	5	3	...	3	2	..	2	3	...	3	...	...	...	1	1	2	2	1	3	...	1	1	...	...	...	1	...	1	...	...	...	...	2	2
South-West	5	3	8	8	3	11	4	2	6	7	1	8	2	3	5	1	4	5	1	3	4	7	2	9	1	...	1	2	...	2	...	...	...	3	3	6
West	9	14	20	9	16	25	15	22	37	12	19	31	17	15	32	23	10	33	19	17	36	16	20	36	16	15	31	14	11	25	9	6	15	8	9	17
North-West	2	3	5	5	8	13	1	1	2	2	7	9	3	3	6	2	5	7	4	2	6	3	...	3	4	4	8	2	5	7	6	10	16	2	5	7
Calm	5	...	5	1	...	1	...	...	...	...	..	...	...	..	...	1	1	2	1	...	1	...	...	...	1	1	2	1	...	1	5	1	6	8	...	8
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	26			75			61			64			51			65			58			62			52			37			51			15		
Resultant Direction	N. 89° W.			N. 88° W.			N. 85° W.			N. 89° W.			N. 71° W.			N. 78° W.			N. 83° W.			N. 87° W.			N. 62° W.			N. 51° W.			N. 33° W.			N. 88° W.		
Mean diurnal velocity of wind in miles	36·8			33·8			57·0			63·2			84·1			116·4			96·5			86·0			56·3			34·9			19·6			21·4		
Average Resultant Percentage	22			33			34			54			44			43			40			38			28			35			32			29		
Average Resultant Direction (10 Years.)	N. 24° W.			N. 52° W.			N. 63° W.			N. 76° W.			N. 70° W.			N. 72° W.			S. 78° W.			S. 82° W.			N. 67° W.			N. 42° W.			N. 10° W.			N. 34° W.		
Average diurnal velocity of wind in miles (10-11 Years.)	32·9			40·3			55·2			67·6			81·4			105·5			100·3			81·0			57·4			36·2			24·8			27·8		

76.—SUTNA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	4	4	8	4	4	8	3	4	7	1	7	8	3	6	9	1	2	3	5	2	7	1	5	6	1	4	5	2	8	10	4	13	17	8	15	23
North-East	2	1	3	...	...	...	1	1	2	...	...	...	..	2	2	...	1	1	...	4	4	...	2	2	1	1	2	2	2	4	2	3	5	..	2	2
East	7	3	10	1	1	2	3	...	3	3	..	3	6	3	9	2	3	5	4	1	5	5	3	8	5	4	9	2	3	5	6	2	8	5	5	10
South-East	2	...	2	...	...	...	1	...	1	1	1	2	...	2	..	1	1	...	1	1	2	1	...	1	2	1	3	4	1	5	1	...	1	...	1	1
South	4	1	5	3	...	3	5	...	5	8	1	9	3	...	3	...	3	3	3	1	4	6	4	10	1	2	3	6	2	8	1	...	1	7	...	7
South-West	1	1	2	...	...	...	1	...	1	...	...	...	...	...	...	2	3	5	2	1	3	...	1	1	...	1	1	1	...	1	...	...	...	...	...	...
West	5	5	10	9	6	15	8	6	14	9	7	16	5	5	10	15	6	21	10	13	23	13	9	22	12	6	18	9	2	11	4	1	5	5	2	7
North-West	5	13	18	9	16	25	6	17	23	6	12	18	12	14	26	9	8	17	5	7	12	2	4	6	6	11	17	6	10	16	6	9	15	4	4	8
Calm	1	3	4	2	1	3	3	3	6	3	2	5	...	1	1	1	3	4	2	1	3	3	2	5	3	1	4	1	3	4	3	1	4	1	3	4
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	30			68			51			46			48			52			44			26			40			30			44			36		
Resultant Direction	N. 35° W.			N. 54° W.			N. 55° W.			N. 66° W.			N. 34° W.			N. 74° W.			N. 65° W.			S. 88° W.			N. 54° W.			N. 44° W.			N. 1° W.			N. 1° W.		
Mean diurnal velocity of wind in miles	120·5			105·2			140·6			162·0			255·4			253·7			244·3			191·6			155·0			114·8			84·5			82·6		
Average Resultant Percentage	27			38			39			55			52			50			45			39			31			47			33			39		
Average Resultant Direction (10 Years.)	N. 16° W.			N. 41° W.			N. 55° W.			N. 60° W.			N. 60° W.			N. 59° W.			N. 81° W.			N. 70° W.			N. 55° W.			N. 34° W.			N. 21° W.			N. 31° W.		
Average diurnal velocity of wind in miles. (10-12 Years.)	95·1			112·2			132·0			162·7			194·1			230·1			226·0			189·7			155·7			102·4			76·9			85·7		

77.—INDORE (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	4	7	11	3	5	8	5	4	9	6	5	11	5	7	12	2	1	3	...	1	1	...	1	1	4	3	7	8	9	17	1	6	7	...	5	5
North-East	3	3	6	8	5	13	3	2	5	3	1	4	...	..	...	...	1	1	...	...	...	...	...	...	1	...	1	7	9	16	3	15	18	3	4	7
East	2	...	2	3	...	3	5	...	5	2	...	2	...	.	...	...	1	1	...	...	...	...	...	...	.	...	.	5	1	6	13	1	14	8	8	16
South-East	9	4	13	4	...	4	2	...	2	2	1	3	...	...	...	1	1	2	...	...	...	...	.	...	1	1	2	5	6	11	9	5	14	16	9	25
South	6	5	11	3	4	7	...	...	...	4	1	5	...	1	1	2	...	2	2	2	4	1	...	1	...	..	...	2	...	2	2	...	2	4	2	6
South-West	3	4	7	1	3	4	2	5	7	3	3	6	1	2	3	8	9	17	10	8	18	8	9	17	5	6	11	1	...	1	...	1	1	...	1	1
West	1	2	3	3	5	8	9	10	19	3	9	12	10	7	17	13	9	22	15	16	31	17	15	32	7	9	16	...	...	...	...	...	...	...	1	1
North-West	3	5	8	3	5	8	5	10	15	6	9	15	15	13	28	4	7	11	4	3	7	5	4	9	12	10	22	2	...	2	...	...	...	...	...	...
Calm	...	1	1	...	1	1	...	...	...	1	1	2	...	1	1	...	1	1	...	1	1	...	2	2	...	1	1	1	6	7	2	2	4	...	1	1
Variable	...	..	...	...	...	...	...	...	...	...	..	...	..	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant (Percentage)	7			18			53			40			78			65			81			82			66			48			61			64		
Resultant (Direction)	S. 23° E.			N. 8° W.			N. 56° W.			N. 57° W.			N. 54° W.			S. 84° W.			S. 76° W.			S. 84° W.			N. 69° W.			N. 50° E.			N. 79° E.			S. 69° E.		
Mean diurnal velocity of wind in miles	78·4			65·5			103·6			81·9			145·5			150·1			160·3			117·9			106·8			60·4			58·3			64·2		
Average Resultant (Percentage)	10			15			31			54			63			70			75			77			53			36			54			39		
Average Resultant (Direction) 10 Years.	S. 84° E.			N. 14° E.			N. 51° W.			N. 59° W.			N. 71° W.			S. 87° W.			S. 78° W.			S. 87° W.			N. 66° W.			N. 47° E			N. 78° E.			S. 88° E.		
Average diurnal velocity of wind in miles 9 Years.	59·2			72·4			87·7			105·2			146·5			168·0			162·9			147·5			115·3			54·8			48·4			49·2		

78.—BICKANEER (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	2	...	2	3	6	9	3	4	7	4	2	6	2	5	7	5	3	8	3	2	5	2	8	10	6	9	15	2	5	7	3	5	8	5	3	8
North-East	1	1	2	1	...	1	1	1	2	2	1	3	1	1	2	2	2	4	1	2	3	1	2	3	1	...	1	1	1	2	3	1	2	3	1	3	4
East	2	...	2	6	1	7	5	...	5	2	1	3	.	...	...	1	1	2	2	2	4	...	...	...	1	...	1	2	1	3	...	...	...	1	1	2
South-East	4	3	7	6	2	8	2	3	5	3	1	4	1	...	1	2	2	4	5	4	9	3	...	3	4	1	5	1	2	3	2	1	3	1	2	3
South	14	9	23	3	5	8	8	6	14	7	5	12	12	3	15	6	6	12	9	5	14	10	6	16	5	7	12	13	4	17	10	5	15	9	8	17
South-West	5	10	15	2	7	9	8	7	15	6	2	8	8	4	12	5	6	11	4	6	10	9	6	15	7	9	16	6	7	13	7	8	15	8	6	14
West	...	5	5	2	4	6	1	6	7	2	9	11	4	13	17	5	6	11	4	7	11	5	7	12	5	2	7	3	6	9	3	4	7	1	3	4
North-West	1	...	1	3	1	4	...	1	1	1	1	2	1	1	2	1	1	2	...	...	...	1	...	1	...	2	2	...	1	1	...	2	2	1	...	1
Calm	2	3	5	2	2	4	3	3	6	3	8	11	2	4	6	3	3	6	3	3	6	...	2	2	1	...	1	3	3	6	4	3	7	4	5	9
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant (Percentage)	57			14			37			25			46			27			34			40			29			35			37			31		
Resultant (Direction)	S. 13° W.			S. 14° W.			S. 24° W.			S. 43° W.			S. 60° W.			S. 50° W.			S. 15° W.			S. 50° W.			S. 56° W.			S. 32° W.			S. 42° W.			S. 24° W.		
Mean diurnal velocity of wind in miles	86·9			98·4			116·0			113·2			200·7			191·3			119·4			147·5			?			?			?			?		
Average Resultant (Percentage)	13			10			18			41			45			62			36			49			38			41			14			15		
Average Resultant (Direction) 8-10 Years.	N. 62° E.			N. 11° W.			S. 56° W.			S. 65° W.			S. 72° W.			S 48° W.			S. 31° W.			S. 35° W.			S. 47° W.			S. 61° W.			S. 45° W.			N. 74° E.		
Average diurnal velocity of wind in miles 8-11 Years.	70·2			88·4			104·2			112·6			156·5			187·6			160·0			149·6			135·3			96·8			56·7			57·6		

79.—JEYPORE (*4 observations daily*).

	JANUARY.					FEBRUARY.					MARCH.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	6	5	4	6	21	14	7	6	9	36	9	3	3	9	24
North-East	2	4	2	1	9	4	4	1	2	11	4	4	..	1	9
East	7	10	3	7	27	...	4	...	...	4	2	5	...	...	7
South-East	5	5	4	4	18	...	2	...	...	2	...	1	...	...	1
South	...	...	2	...	2	...	1	...	1	2	1	2	...	...	3
South-West	2	3	3	3	11	1	1	2	1	5	...	2	3	2	7
West	2	2	5	3	12	1	3	5	3	12	2	7	8	4	21
North-West	6	2	8	5	21	6	6	13	8	33	9	7	17	11	44
Calm	1	...	...	2	3	2	...	1	4	7	4	...	...	4	8
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	18					58					55				
Resultant Direction	N. 30° E.					N. 23° W.					N. 39° W.				
Mean diurnal velocity of wind in miles	99·0					89·4					107·5				
Average Resultant Percentage (6 Years.)	19					37					29				
Average Resultant Direction (6 Years.)	N. 14° E.					N. 7° W.					N. 8° W.				
Average diurnal velocity of wind in miles (7 Years.)	94·4					106·3					136·6				

	APRIL.					MAY.					JUNE.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	10	5	4	4	23	6	1	4	3	14	2	4	4	2	12
North-East	3	1	...	2	6	1	...	2	1	4	1	...	6	3	10
East	4	4	...	3	11	3	...	...	...	3	2	1	2	2	7
South-East	1	3	...	...	4	1	...	...	...	1	2	1	1	1	5
South	...	4	...	1	5	...	2	...	...	2	2	...	2	2	6
South-West	...	1	4	1	6	...	3	1	...	4	2	3	...	3	8
West	2	5	7	3	17	5	8	8	10	31	6	3	5	8	22
North-West	8	5	15	16	44	10	17	16	13	56	7	18	9	8	42
Calm	2	2	...	...	4	5	...	...	4	9	6	...	1	1	8
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	48					68					43				
Resultant Direction	N. 37° W.					N. 53° W.					N. 50° W.				
Mean diurnal velocity of wind in miles	105·1					136·8					144·9				
Average Resultant Percentage (6 Years.)	53					45					45				
Average Resultant Direction (6 Years.)	N. 39° W.					N. 43° W.					N. 58° W.				
Average diurnal velocity of wind in miles (7 Years.)	137·7					165·8					175·2				

	JULY.					AUGUST.					SEPTEMBER.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	1	2	3	...	6	3	5	3	3	14	4	4	3	3	14
North-East	1	2	...	1	4	1	2	1	1	5	2	1	3	2	8
East	3	4	8	4	19	2	2	4	3	11	1	3	2	5	11
South-East	3	3	1	3	10	1	...	3	2	6	1	2	2	1	6
South	2	...	1	2	5	2	1	1	...	4	1	...	1	...	2
South-West	2	2	1	2	7	...	...	...	2	2	2	...	1	1	4
West	8	3	7	7	25	6	1	5	6	18	2	...	5	2	9
North-West	7	15	10	8	40	10	20	11	8	49	8	19	12	7	46
Calm	4	...	...	4	8	5	...	3	6	14	9	1	1	9	20
Variable	...	...	..	...	...	...	..	...	...	...	...	...	...	...	...
Resultant Percentage	29					45					41				
Resultant Direction	N. 56° W.					N. 40° W.					N. 29° W.				
Mean diurnal velocity of wind in miles	136·1					114·7					100·9				
Average Resultant Percentage (6 Years.)	22					42					43				
Average Resultant Direction (6 Years.)	N. 51° W.					N. 60° W.					N. 29° W.				
Average diurnal velocity of wind in miles (7 Years.)	147·7					132·9					124·5				

	OCTOBER.					NOVEMBER.					DECEMBER.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	9	2	6	6	23	10	7	10	12	39	11	5	3	9	28
North-East	8	...	2	6	16	5	3	1	3	12	5	6	1	3	15
East	3	2	2	2	9	2	2	2	1	7	3	6	4	3	16
South-East	2	3	3	2	10	2	2	...	2	6	4	4	2	3	13
South	2	3	...	...	3	1	2	2	...	5	...	2	1	...	3
South-West	...	5	1	...	6	1	4	1	2	8	2	3	3	4	12
West	1	3	2	3	9	3	2	5	1	11	2	2	5	3	12
North-West	1	9	13	7	30	2	2	7	5	16	2	2	11	5	20
Calm	7	4	2	5	18	4	6	2	4	16	2	1	1	1	5
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	34					37					26				
Resultant Direction	N. 10° W.					N. 11° W.					N. 2° E.				
Mean diurnal velocity of wind in miles	82·5					67·4					77·3				
Average Resultant Percentage (6 Years.)	40					42					29				
Average Resultant Direction (6 Years.)	N. 1° W.					N. 2° W.					N. 8° E.				
Average diurnal velocity of wind in miles (7 Years.)	89·2					71·7					82·2				

80.—SAMBHAR (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	7	2	9	5	3	8	7	3	10	5	3	8	...	2	2	1	4	5	...	3	3	2	2	4	8	10	18	3	2	5	13	3	16	11	8	19
North-East	8	2	10	5	1	6	3	...	3	1	...	1	...	...	...	2	2	4	1	2	3	...	...	...	1	...	1	2	2	4	3	1	4	5	1	6
East	4	...	4	1	...	1	2	...	2	...	1	1	...	...	...	1	2	3	3	3	6	...	...	...	...	1	1	1	1	2	2	1	3	1	...	1
South-East	3	6	9	1	...	1	...	...	...	3	...	3	...	...	...	...	...	...	1	3	4	...	...	...	...	1	1	3	...	3	4	1	5	4	4	8
South	3	2	5	...	2	2	3	1	4	4	2	6	1	...	1	1	2	3	1	1	2	1	1	2	1	1	2	7	1	8	3	2	5	7	2	9
South-West	...	1	1	...	2	2	1	2	3	2	2	4	2	3	5	1	4	5	2	1	3	1	5	6	2	1	3	3	1	4	...	...	...	...	1	1
West	2	10	12	6	9	15	11	15	26	6	10	16	21	15	36	19	9	28	14	12	26	22	19	41	15	10	25	4	16	20	1	17	18	3	5	8
North-West	4	8	12	10	11	21	4	10	14	9	12	21	7	11	18	5	7	12	8	6	14	5	4	9	3	6	9	8	8	16	2	5	7	...	10	10
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	2	...	2	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	21			61			60			54			86			59			46			83			62			45			34			25		
Resultant { Direction	N. 17° W.			N. 48° W.			N. 65° W.			N. 67° W.			N. 79° W.			N. 74° W.			N. 73° W.			N. 85° W.			N. 57° W.			N. 77° W.			N. 42° W.			N. 18° W.		
Mean diurnal velocity of wind in miles	92·2			121·7			157·6			147·2			272·5			249·7			220·3			201·1			185·4			112·7			74·9			104·0		
Average Resultant { Percentage	12			33			32			60			56			63			38			61			54			53			44			25		
Average Resultant { Direction 6-8 Years.	N. 24° W.			N 66° W.			N. 63° W.			N. 75° W.			N. 80° W.			S. 87° W.			S. 87° W.			S 85° W.			N. 67° W.			N. 65° W.			N. 47° W.			N. 41° W.		
Average diurnal velocity of wind in miles 6-8 Years.	107·6			127·2			149·6			168·5			238·0			269·0			217·4			195·5			173·9			112·1			81·0			88·9		

81.—AJMERE (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	1	2	1	...	1	1	3	4	1	3	4	...	2	2	...	6	6	...	...	...	...	...	...	1	2	3	1	3	4	...	5	5	...	4	4
North-East	7	5	12	5	5	10	...	1	1	...	1	1	...	...	...	...	...	...	3	2	5	...	...	...	1	4	5	2	6	8	4	5	9	6	3	9
East	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	1	1	2	1	3	...	...	...	...	...	...
South-East	3	4	7	...	...	...	2	...	2	2	...	2	...	...	...	...	...	...	...	1	1	1	1	2	...	...	...	4	1	5	4	3	7	6	5	11
South	3	1	4	2	1	3	1	...	1	1	...	1	...	1	1	...	...	...	...	1	1	...	...	...	...	...	...	1	1	2	4	...	4	2	1	3
South-West	6	2	8	...	2	2	2	3	5	4	4	8	2	3	5	6	5	11	3	5	8	3	1	4	1	...	1	10	...	10	5	...	5	5	3	8
West	2	4	6	4	3	7	10	9	19	7	9	16	22	13	35	13	8	21	11	10	21	20	22	42	18	13	31	7	6	13	...	...	...	...	...	...
North-West	2	7	9	1	11	12	3	9	12	10	10	20	7	12	19	10	11	21	11	10	21	6	4	10	8	9	17	3	10	13	2	3	5	1	9	10
Calm	7	7	14	15	6	21	11	6	17	5	3	8	...	...		1	...	1	2	2	4	1	3	4	1	1	2	2	2	4	11	14	25	11	6	17
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	8			28			46			59			86			76			61			82			72			29			8			3		
Resultant { Direction	N. 64° W.			N. 39° W.			N. 75° W.			N. 72° W.			N. 78° W.			N. 73° W.			N. 73° W.			N. 87° W.			N. 66° W.			N. 70° W.			N. 60° E.			N. 55° E.		
Mean diurnal velocity of wind in miles	32·7			26·2			77·9			60·1			200·2			178·3			152·0			?			123·7			62·7			17·4			26·0		
Average Resultant { Percentage	8			8			28			52			63			68			64			56			44			23			10			15		
Average Resultant { Direction 15 Years.	N. 82° E.			S. 77° W.			S. 61° W.			S. 74° W.			S. 60° W.			S. 61° W.			S. 62° W.			S. 70° W.			S. 80° W.			N. 76° W.			N. 32° E.			N. 84° E		
Average diurnal velocity of wind in miles 10-12 Years.	45 8			60·0			85·4			120·3			171·4			199·8			166·7			130·8			119·0			62·3			33·2			33·8		

82.—Mount Abu (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	3	3	6	3	3	6	1	1	2	2	1	3	4	...	4	1	...	1	...	1	1	2	1	3	2	4	6	2	7	9	5	13	18	...	9	9
North-East	5	6	11	4	4	8	4	2	6	4	2	6	...	...	...	...	...	...	3	1	4	...	...	...	2	3	5	3	6	9	7	9	16	4	6	10
East	2	1	3	2	1	3	3	...	3	2	...	2	1	...	1	1	...	1	1	1	2	...	...	...	...	...	...	4	2	6	5	3	8	7	...	7
South-East	2	1	3	1	...	1	...	...	...	3	...	3	...	...	...	3	1	4	...	...	...	...	...	...	3	...	3	3	1	4	5	1	6	9	2	11
South	3	...	3	2	...	2	2	...	2	1	1	2	...	...	...	...	3	3	1	1	2	1	...	1	1	3	4	3	1	4	2	...	2	5	...	5
South-West	7	2	9	5	1	6	5	9	14	3	5	8	7	11	18	15	20	35	6	12	18	12	14	26	10	9	19	5	6	11	1	...	1	2	3	5
West	5	12	17	7	10	17	13	14	27	10	12	22	14	15	29	8	5	13	18	12	30	14	11	25	8	7	15	7	4	11	2	2	4	2	5	7
North-West	4	6	10	4	9	13	3	4	7	5	9	14	5	5	10	2	1	3	2	3	5	2	5	7	4	4	8	4	4	8	2	2	4	1	5	6
Calm	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	1	2
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	27			45			62			50			77			76			68			80			48			18			50			13		
Resultant Direction	N. 36° W.			N. 57° W.			S. 89° W.			N. 76° W.			S. 88° W.			S. 53° W.			S. 80° W.			S. 77° W.			S. 81° W.			N. 55° W.			N. 32° E.			N. 61° E.		
Mean diurnal velocity of wind in miles	140·0			122·9			184 8			171·4			242·7			200·3			274·9			249·6			182·8			108·4			79·0			77·6		
Average Resultant Percentage (8-10 Years.)	6			24			39			53			70			74			66			72			27			6			20			14		
Average Resultant Direction (8-10 Years.)	N. 83° W.			N. 71° W.			S. 85° W.			S. 76° W.			S. 62° W.			S. 42° W.			S. 49° W.			S. 58° W.			S. 67° W.			N. 14° E.			N. 73° E.			N. 48° E.		
Average diurnal velocity of wind in miles (6-9 Years.)	115·6			133·2			160·9			185·1			226·3			242·1			252·7			259·0			174·7			96·2			88·1			87·5		

83.—Pachpadra (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	6	3	9	2	1	3	2	...	2	1	...	1	...	1	1	...	...	...	...	1	1	...	...	...	...	...	...	...	3	3	1	4	5	6	5	11
North-East	1	2	3	6	4	10	2	3	5	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	3	4	8	4	12	15	6	21
East	8	5	13	8	4	12	5	...	5	6	1	7	...	...	...	...	1	1	2	3	5	...	...	...	...	2	2	4	...	4	6	4	10	5	1	6
South-East	5	...	5	3	1	4	5	2	7	1	...	1	...	...	...	1	1	2	1	1	2	...	...	...	...	2	2	2	3	5	3	3	6	...	1	1
South	...	...	...	1	1	2	3	3	6	9	5	14	7	8	15	6	12	18	4	10	14	6	11	17	3	8	11	4	4	8	...	1	1	...	2	2
South-West	4	5	9	2	8	10	10	10	20	7	10	17	23	17	40	19	12	31	21	15	36	18	16	34	16	15	31	4	2	6	...	1	1	...	4	4
West	...	...	...	1	3	4	2	5	7	2	5	7	1	3	4	4	2	6	2	...	2	2	...	2	2	7	7	3	3	6	1	1	2	...	2	2
North-West	4	7	11	1	4	5	1	5	6	3	6	9	...	1	1	...	2	2	1	1	2	5	2	7	2	...	2	2	5	7	...	2	2	1	1	2
Calm	3	9	12	4	2	6	1	3	4	1	2	3	...	1	1	...	...	...	...	...	...	...	2	2	...	2	2	11	8	19	11	10	21	4	9	13
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	16			13			31			42			86			80			72			77			72			11			34			43		
Resultant Direction	N. 27° E.			N. 77° E.			S. 38° W.			S. 42° W.			S. 38° W.			S. 34° W.			S. 30° W.			S. 41° W.			S. 39° W.			S. 44° W.			N. 64° E.			N. 35° E.		
Mean diurnal velocity of wind in miles	105·4			110·5			191·0			179·3			?			345·7			?			355·1			239·4			91·9			53·8			67·4		
Average Resultant Percentage (6-8 Years.)	21			10			19			46			68			79			63			74			53			19			29			36		
Average Resultant Direction (6-8 Years.)	N. 58° E.			N. 58° E.			S. 40° W.			S. 47° W.			S. 44° W.			S. 40° W.			S. 33° W.			S. 39° W.			S. 46° W.			S. 35° W.			N. 56° E.			N. 51° E.		
Average diurnal velocity of wind in miles (5-8 Years.)	68·3			78·6			97·7			108·3			210·5			287·7			234·8			233·8			145·4			89·3			50·8			50·1		

84.—JACOBABAD (*2 observations daily*).

	JANUARY.			FEBRUARY.			MAR H.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	4	4	8	3	2	5	3	...	3	2	2	4	6	6	12	1	...	1	...	...	...	...	...	...	...	...	...	2	1	3	...	1	1	5	1	6
North-East	3	2	5	...	1	1	1	3	4	4	2	6	...	2	2	1	1	2	1	3	4	3	2	5	1	...	1	3	...	3	2	...	2	5	4	9
East	3	1	4	2	1	3	5	1	6	4	2	6	2	1	3	6	5	11	8	6	14	10	4	14	1	1	2	4	1	5	1	...	1	2	3	5
South-East	1	1	2	6	2	8	4	4	8	6	8	14	3	3	6	12	10	22	15	16	31	14	11	25	8	9	17	4	3	7	2	...	2	1	...	1
South	1	1	2	2	2	4	2	2	4	4	4	8	...	1	1	4	8	12	5	5	10	2	8	10	5	11	16	2	6	8	...	...	...	...	...	...
South-West	3	...	3	...	3	3	3	5	8	1	4	5	3	5	8	2	3	5	1	1	2	...	4	4	2	3	5	4	2	6	2	3	5	2	2	4
West	1	2	3	1	1	2	2	4	6	...	2	2	2	4	6	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	1	2	3	2	...	2
North-West	4	5	9	7	10	17	8	5	13	3	1	4	11	7	18	...	2	2	...	...	...	...	...	...	1	...	1	4	1	5	6	1	7	4	3	7
Calm	11	15	26	7	6	13	3	7	10	6	5	11	4	2	6	4	1	5	1	...	1	2	1	3	12	6	18	8	16	24	15	24	39	10	18	28
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	20			16			10			26			35			59			78			67			53			15			13			23		
Resultant Direction	N. 12° W.			N. 49° W.			S 87° W.			S. 49° E.			N. 46° W.			S. 40° E.			S. 51° E.			S. 49° E.			S. 19° E.			S. 21° E.			N. 73° W.			N. 9° E.		
Mean diurnal velocity of wind in miles	60·1			73·0			99·4			89·4			98·0			138·0			136·6			107·4			69·2			60·2			39·4			47·5		
Average Resultant Percentage	29			36			26			18			17			46			56			54			41			11			16			22		
Average Resultant Direction 8-10 Years.	N. 12° W.			N. 17° E.			N. 67° E.			S. 84° E.			S. 61° E.			S. 31° E.			S. 45° E.			S. 50° E.			S. 36° E.			S. 47° E.			N. 12° W.			N. 15° W.		
Average diurnal velocity of wind in miles, 8-11 Years.	49·7			72·8			93·5			93·1			113·0			113·5			127·9			97·0			73·7			53·9			38·2			38·4		

85.—HYDERABAD (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	14	11	25	8	7	15	6	5	11	3	4	7	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2	2	3	5	6	3	9
North-East	8	10	18	6	4	10	6	4	10	3	2	5	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	8	4	12	16	19	35	18	20	38
East	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	2	1	3	...	...	...	...	...	...	1	1	2	1	1	2	...	...	...
South-East	...	...	...	1	...	1	2	...	2	...	...	...	...	...	...	...	...	...	1	1	2	...	...	...	...	...	...	1	1	2	...	...	...	...	...	...
South	1	2	3	2	2	4	...	1	1	5	6	11	8	7	15	4	4	8	...	2	2	3	1	4	4	7	11	2	...	2	...	...	...	...	...	...
South-West	2	4	6	4	8	12	8	12	20	14	15	29	19	21	40	23	26	49	26	27	53	26	30	56	23	21	44	12	16	28	...	...	...	2	...	2
West	2	2	4	2	1	3	2	1	3	1	1	2	2	2	4	2	...	2	1	...	1	1	...	1	3	2	5	1	...	1	...	...	...	...	...	...
North-West	2	1	3	1	1	2	2	1	3	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	5	2	7	2	1	3
Calm	2	1	3	4	5	9	4	7	11	3	1	4	...	...	...	1	...	1	2	...	2	1	...	1	...	...	...	6	6	12	6	5	11	3	7	10
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	53			21			17			47			83			94			86			96			92			25			68			70		
Resultant Direction	N. 4° E.			N. 26° W.			N. 70° W.			S. 46° W.			S. 38° W.			S 41° W.			S. 41° W.			S. 43° W.			S. 41° W.			S. 39° W.			N. 32° E.			N. 33° E.		
Mean diurnal velocity of wind in miles	191·8			135·7			172·8			207·0			401·5			382·8			Not recorded.			?			368·7			188·5			54·8			69·7		
Average Resultant Percentage	55			41			39			58			72			78			75			81			75			42			44			64		
Average Resultant Direction 10 Years.	N. 11° W.			N. 25° W.			N. 83° W.			S. 53° W.			S. 47° W.			S. 39° W.			S. 41° W.			S. 43° W.			S. 40° W.			S. 61° W.			N. 18° W.			N. 6° W.		
Average diurnal velocity of wind in miles. 9-11 Years.	173·5			167·2			198·4			244·8			303·9			365·9			333·2			330·4			299·8			187·7			146·5			155·7		

86.—KURRACHEE (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	2	1	3	3	...	3	6	...	6	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	3	3	...	3	6	1	7
North-East	12	5	17	6	...	6	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	10	.	10	12	7	1
East	6	3	9	5	2	7	1	...	1	1	...	1	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1	...	1	10	2	12	8	6	14
South-East	1	1	2	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	1	...	1	2	1	3
South	2	2	4	2	...	2	...	...	...	...	...	...	...	...	...	1	1	2	...	1	1	...	...	...	...	...	...	...	...	...	...	1	1	...	1	1
South-West	...	9	9	...	13	13	3	12	15	13	15	28	12	15	27	16	21	37	9	14	23	8	14	22	13	17	30	6	14	20	...	12	12	1	9	10
West	6	8	14	7	11	18	12	16	3	13	15	28	17	10	33	12	8	20	21	16	37	22	17	39	17	13	30	11	17	28	4	15	19	1	6	7
North-West	2	2	4	4	2	6	6	1	7	2	...	2	2	...	2	...	...	...	1	...	1	1	...	1	...	...	...	7	...	7	2	...	2	1	...	1
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	10			35			68			85			91			89			91			92			92			72			15			30		
Resultant Direction	N. 7° W.			S. 89° W.			N. 89° W.			S. 70° W.			S. 72 W.			S. 58° W.			S. 73° W.			S. 75° W.			S. 68° W.			S. 81° W.			N. 82° W			N. 53 E.		
Mean diurnal velocity of wind in miles	242·6			259·5			297·8			330·6			443·2			408·7			446·6			410·9			387·9			239·5			186·4			217·0		
Average Resultant Percentage	17			27			64			80			85			85			83			84			83			64			18			14		
Average Resultant Direction	N. 23° W.			N. 80° W.			S. 69° W.			S. 62° W.			S. 60° W.			S. 58° W.			S. 62° W.			S. 63° W.			S. 62° W.			S. 67° W.			S. 81° W.			N. 42° E.		
10 Years. Average diurnal velocity of wind in miles 9-12 Years.	239·0			251·9			283·7			335·6			419·4			443·3			428·2			413·0			357·8			232·7			189·0			219·9		

87.—BHUJ (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	12	8	20	6	1	7	6	2	8	2	1	3	1	...	1	...	...	...	1	...	1	1	...	1	...	1	1	8	3	11	3	6	9	7	3	10
North-East	6	5	11	6	8	14	4	2	6	2	...	2	...	...	...	...	1	1	...	...	...	...	...	...	1	...	1	6	4	10	11	16	27	13	17	30
East	4	2	6	5	3	8	1	3	4	3	1	4	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1	3	4	11	6	17	7	5	12
South-East	...	...	...	1	...	1	...	...	...	1	1	2	...	...	...	2	...	2	...	...	...	...	...	...	...	...	...	1	2	3	3	...	3	2	2	4
South	1	...	1	...	1	1	...	1	1	...	3	3	...	...	...	2	1	3	...	...	...	3	...	3	...	...	...	2	2	4	...	...	...	...	...	...
South-West	..	3	3	...	..	...	4	2	6	...	6	6	7	6	13	14	13	27	6	8	14	10	13	23	6	10	16	2	7	9	...	...	...	...	...	...
West	3	4	7	4	8	12	7	13	20	13	16	29	21	23	44	10	14	24	21	22	43	17	18	35	19	17	36	4	7	11	...	...	...	1	1	2
North-West	5	9	14	6	7	13	9	7	16	10	2	12	2	2	4	1	1	2	3	1	4	...	...	...	4	2	6	6	3	9	2	2	4	1	2	3
Calm	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	1	...	1	...	...	...	...	1	1
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	56			44			53			60			91			78			90			88			85			26			76			71		
Resultant Direction	N. 9° W.			N. 8° W.			N. 56° W.			N. 82° W.			S. 85° W.			S. 63° W.			S. 84° W.			S. 70° W.			S. 84° W.			N. 41° W.			N. 51° E.			N. 46° E.		
Mean diurnal velocity of wind in miles	164·1			162·6			226·7			245·4			434·9			357 3			398 7			329·3			296·9			143·2			119·3			140·4		
Average Resultant Percentage	52			46			51			69			80			79			83			87			73			21			58			64		
Average Resultant Direction	N. 23° E.			N. 7° E.			N. 45° W.			N. 71° W.			S. 89° W.			S. 72° W.			S. 80° W.			S. 82° W.			N. 89° W.			N. 30° W.			N. 43° E.			N. 40° E.		
9-10 Years. Average diurnal velocity of wind in miles 10-11 Years.	142·8			161·2			198·0			260·6			370·0			385·7			398·5			356·4			270·3			143·9			112·2			123·5		

88.—RAJKOT (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	4	3	7	2	5	7	11	5	16	8	4	12	1	1	2	...	...	...
North-East	13	9	22	8	13	21	2	3	5	1	2	3	...	1	1	1	...	1
East	3	4	7	1	...	1	1	...	1	2	...	2	...	...	...	...	1	1
South-East	1	1	2	...	...	...	1	...	1	...	1	1	2	1	3	2	2	4
South	...	...	...	...	...	...	...	...	...	1	2	3	6	4	10	7	11	18
South-West	...	...	...	...	...	...	1	2	3	3	5	8	14	10	24	14	7	21
West	...	2	2	...	...	...	8	8	16	4	2	6	6	7	13	5	7	12
North-West	10	12	22	17	10	27	7	13	20	11	14	25	2	7	9	1	2	3
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	60			73			66			55			67			68		
Resultant { Direction	N. 10° E.			N. 5° W.			N. 41° W.			N. 48° W.			S. 59° W.			S. 37° W.		
Mean diurnal velocity of wind in miles	128·4			139·0			152·4?			?			?			?		
Average Resultant { Percentage	56			53			59			69			72			70		
Average Resultant { Direction 8-10 Years.	N. 20° E.			N. 1° W.			N. 38° W.			N. 53° W.			N. 86° W.			S. 70° W.		
Average diurnal velocity of wind in miles 7-9 Years.	125·2			148·9			195·1			266·7			350·2			374·6		

	JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	...	...	1	...	1	2	...	2	8	7	15	2	7	9	5	5	10
North-East	...	...	...	...	...	...	1	...	1	9	6	15	11	12	23	16	13	29
East	...	...	...	...	...	...	...	...	...	2	4	6	12	10	22	5	6	11
South-East	...	...	...	...	...	...	...	...	...	...	1	1	4	...	4	1	1	2
South	6	2	8	...	2	2	...	1	1	1	1	2	...	1	1	...	...	...
South-West	14	14	28	11	16	27	6	6	12	2	3	5	...	...	...	...	...	...
West	10	13	23	18	10	28	16	16	32	3	2	5	...	...	...	...	1	1
North-West	1	2	3	1	3	4	5	7	12	6	7	13	1	...	1	1	2	3
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	3	6
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	83			85			80			46			77			70		
Resultant { Direction	S. 60° W.			S. 71° W.			N. 88° W.			N. 1° W.			N. 61° E.			N. 44° E.		
Mean diurnal velocity of wind in miles	?			327·7			241·4			135·5			119·5			152·8		
Average Resultant { Percentage	77			73			53			35			58			52		
Average Resultant { Direction 10 Years.	S. 75° W.			S. 82° W.			N. 76° W.			N. 9° E.			N. 45° E.			N. 42° E.		
Average diurnal velocity of wind in miles 9-10 Years.	348·0			278·4			202·9			134·0			116·5			114·6		

TABLE IX.—DIRECTION AND MEAN MOVEMENT OF WINDS IN 1887.

89.—DEESA (*4 observations daily*).

	JANUARY.					FEBRUARY.					MARCH.					APRIL.					MAY.					JUNE.				
	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.
North	12	7	6	14	39	8	5	4	9	26	3	1	1	6	11	6	4	...	1	11	...	1	1	...	2	...	...	1	...	1
North-East	10	11	...	2	23	13	14	...	4	31	8	3	...	...	11	3	1	...	1	5	1	...	...	...	1	...	...	...	1	1
East	2	4	...	...	6	2	6	...	...	8	1	5	...	1	7	1	2	1	1	5	...	...	...	...	...	...	...	...	1	1
South-East	1	...	...	...	1	...	...	...	...	...	3	4	1	...	8	1	3	2	...	6	...	...	...	1	1	3	2	2	1	8
South	...	2	...	...	2	...	...	1	...	1	4	5	4	2	15	3	2	3	1	9	9	10	3	2	24	7	8	11	12	38
South-West	1	3	3	3	10	2	2	5	4	13	6	3	9	8	26	6	5	11	9	31	14	18	19	19	70	16	13	15	13	57
West	1	1	13	6	21	2	1	10	9	22	3	6	9	8	26	5	6	10	13	34	6	2	7	9	24	4	7	1	2	14
North-West	4	1	9	6	20	1	...	8	2	11	2	3	5	5	15	4	7	3	4	18	1	...	1	...	2	...	...	...	...	...
Calm	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	51					41					30					47					82					79				
Resultant Direction	N. 18° W.					N. 11° W.					S. 74° W.					S. 82° W.					S. 46° W.					S. 30° W.				
Mean diurnal velocity of wind in miles	207·8					203·4					209·3					229·6					374·5					373·8				
Average Resultant Percentage (15-17 Years.)	39					36					35					53					76					72				
Average Resultant Direction (15-17 Years.)	N. 3° W.					N. 28° W.					N. 88° W.					N. 89° W.					S. 55° W.					S. 36° W.				
Average diurnal velocity of wind in miles (8-9 Years.)	207·2					215·3					212·9					225·1					320·7					402·8				

	JULY.					AUGUST.					SEPTEMBER.					OCTOBER.					NOVEMBER.					DECEMBER.				
	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.
North	...	1	...	...	1	1	1	1	...	3	...	...	1	...	1	2	4	4	...	10	...	...	13	4	17	3	1	8	10	22
North-East	...	...	...	...	...	...	...	1	...	1	...	...	2	...	2	6	5	9	6	26	10	4	5	13	32	14	10	5	14	43
East	...	...	2	...	2	...	...	...	...	...	...	...	...	1	1	7	3	4	11	25	16	13	2	9	40	13	12	2	3	30
South-East	2	2	1	1	6	...	...	...	1	1	3	2	...	4	9	6	5	1	5	17	3	10	2	4	19	1	6	4	1	12
South	4	3	6	7	20	11	5	10	13	39	13	1	7	10	31	4	6	4	...	14	1	2	1	...	4	...	2	1	1	4
South-West	20	17	17	20	74	16	20	17	15	68	11	13	12	13	49	3	3	2	1	9	...	...	1	...	1	...	...	3	...	3
West	4	8	5	3	20	1	2	2	1	6	2	7	6	1	16	2	2	4	5	13	...	...	1	...	1	...	...	4	...	4
North-West	...	...	...	...	...	...	2	...	1	3	...	5	1	...	6	1	3	3	3	10	...	1	5	...	6	...	...	4	2	6
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	82					81					70					23					62					58				
Resultant Direction	S. 41° W.					S. 34° W.					S. 35° W.					N. 84° E.					N. 70° E.					N. 54° E.				
Mean diurnal velocity of wind in miles	354·6					294·2					211·7					169·1					167·5					211·5				
Average Resultant Percentage (15-16 Years.)	75					72					50					16					31					37				
Average Resultant Direction (15-16 Years.)	S. 40° W.					S. 47° W.					S. 65° W.					N. 62° W.					N. 33° E.					N. 17° E.				
Average diurnal velocity of wind in miles (9 Years.)	347·1					288·1					203·3					160·5					180·5					194·7				

90.—SURAT (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	9	1	10	4	1	5	5	1	6	4	1	5	..	...	...	1	...	1	...	...	...	...	...	...	4	...	4	...	...	...	...	...	...	3	3	6
North-East	10	...	10	13	1	14	4	...	4	4	...	4	...	.	.	...	...	...	...	...	...	...	...	...	3	..	3	11	13	24	9	21	30	4	10	14
East	9	...	9	10	...	10	3	...	3	2	...	2	...	...	...	2	...	2	...	..	...	...	...	...	...	...	...	17	5	22	21	8	29	8	2	1
South-East	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	1	1	2
South	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	1	4
South-West	...	2	2	...	...	...	7	14	21	7	10	17	19	28	47	13	20	33	15	27	42	11	28	39	8	24	32	...	2	2	...	...	...	3	4	7
West	1	8	9	...	3	3	5	5	10	3	6	9	12	3	15	9	8	17	14	4	18	19	3	22	15	5	20	...	5	5	...	1	1	1	1	2
North-West	2	20	22	1	23	24	7	11	18	9	12	21	...	...	...	5	1	6	2	...	2	1	...	1	...	1	1	3	5	8	...	...	...	3	4	7
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...
Variable	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant {Percentage	53			57			52			57			94			77			91			92			74			56			89			27		
Resultant {Direction	N. 18° W.			N.			N. 78° W.			N. 71° W.			S. 55° W.			S. 67° W.			S. 60° W.			S. 62° W.			S. 69° W.			N. 53° E.			N. 67° E.			N. 42° E.		
Mean diurnal velocity of wind in miles	Not recorded.																																			
Average Resultant {Percentage	35			37			42			43			70			79			83			83			60			19			37			47		
Average Resultant {Direction	N. 17° E.			N. 2° W.			N. 48° W.			N. 66° W.			S. 60° W.			S. 48° W.			S. 53° W.			S. 62° W.			S. 73° W.			N. 14° E.			N. 49° E.			N. 51° E.		
10 Years.																																				
Average diurnal velocity of wind in miles. 4·7 Years.	125·4			128·8			155·3			191·8			303·9			373·3			376·3			325·3			220·6			123·5			142·3			119·7		

91.—MALEGAON (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	5	6	11	8	9	17	13	5	18	13	9	22	5	3	8	1	3	4	3	1	...	1	1	2	8	9	17	5	16	21	4	16	20	5	10	15
North-East	4	..	4	4	3	7	6	4	10	4	3	7	...	..	...	...	1	1	...	...	...	1	...	1	2	1	3	14	9	23	10	4	14	4	13	17
East	5	1	6	4	4	8	2	...	2	3	1	4	...	...	...	1	1	2	...	...	...	1	1	2	2	1	3	8	2	10	10	6	16	13	3	16
South-East	4	2	6	2	1	3	...	1	1	1	2	3	...	...	...	3	1	4	...	...	...	...	...	...	...	...	...	1	...	1	3	2	5	4	2	6
South	4	1	5	1	...	1	...	...	...	1	...	1	...	...	...	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	2	1	3
South-West	2	6	8	1	1	2	2	1	3	...	...	...	6	1	7	7	2	9	5	3	8	1	3	4	2	...	2	...	1	1	1	1	1	1	...	1
West	3	7	10	3	5	8	3	12	15	1	4	5	8	10	18	13	15	28	19	25	44	20	20	40	10	14	24	...	1	1	...	...	...	...	...	...
North-West	4	6	10	5	4	9	5	8	13	7	11	18	12	17	29	4	5	9	4	2	6	5	4	9	5	3	8	1	...	1	...	...	...	...	...	...
Calm	...	2	2	...	1	1	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	2	2	4	1	2	3	2	2	4	1	1	2	2	2	4
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...
Resultant {Percentage	18			42			57			62			80			59			87			76			58			71			62			59		
Resultant {Direction	N. 58° W.			N. 2° W.			N. 28° W.			N. 10° W.			N. 62° W.			W.			N. 87° W.			N. 82° W.			N. 48° W.			N. 34° E.			N. 51° E.			N. 59° E.		
Mean diurnal velocity of wind in miles	126·8			123·8			170·9			179·1			283·9			225·4			291·2			215·9			186·1			107·6			85·8			74·5		
Average Resultant {Percentage	8			21			36			52			64			66			80			63			49			38			47			39		
Average Resultant {Direction	N. 65° E.			N 9° E.			N. 17° W.			N. 21° W.			N. 46° W.			N. 82° W.			W			N. 82° W.			N. 57° W.			N. 44° E.			N. 67° E.			N. 83° E.		
10 Years.																																				
Average diurnal velocity of wind in miles. 9·11 Years.	93·9			119·1			154·5			185·0			250·2			285·8			284·0			239·7			182·6			108·6			96·6			82·8		

92.—BOMBAY (*4 observations daily*).

	JANUARY.					FEBRUARY.					MARCH.				
	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.
North	12	5	6	21	44	17	4	6	16	43	14	4	4	11	33
North-East	13	16	...	2	31	5	12	...	5	22	7	4	...	...	11
East	4	8	...	...	12	6	8	...	1	15	1	2	...	...	3
South-East	2	2	...	...	4	...	1	...	...	1	3	2	...	...	5
South	...	...	...	...	...	...	...	...	...	...	4	...	1	5	10
South-West	...	...	...	...	...	...	...	...	...	...	2	1	3	3	9
West	...	...	2	...	2	...	...	7	...	7	3	4	7	4	18
North-West	...	...	23	8	31	...	3	15	6	24	1	10	17	12	40
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	69					67					54				
Resultant Direction	N. 9° E.					N. 6° E.					N. 35° W.				
Mean diurnal velocity of wind in miles	239·7					252·1					266·7				
Average Resultant Percentage (10 Years.)	63					60					55				
Average Resultant Direction (10 Years.)	N. 6° E.					N. 4° W.					N. 28° W.				
Average diurnal velocity of wind in miles (18 Years.)	243·4					256·9					274·8				

	APRIL.					MAY.					JUNE.				
	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.
North	10	3	1	7	21	1	...	...	...	1	...	2	1	1	4
North-East	5	...	...	...	5	...	...	...	...	...	...	1	...	...	1
East	...	3	...	...	3	...	...	...	...	...	1	3	...	...	4
South-East	1	1	...	...	2	1	...	...	...	1	5	2	2	2	11
South	4	2	...	2	8	1	5	...	1	7	1	2	3	2	8
South-West	2	5	...	1	8	4	4	4	5	17	10	5	6	6	27
West	3	6	9	3	21	20	14	18	19	71	13	12	16	17	58
North-West	5	10	20	17	52	4	8	9	6	27	...	3	2	2	7
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	60					82					62				
Resultant Direction	N. 50° W.					W.					S. 70° W.				
Mean diurnal velocity of wind in miles	261·0					256·8					351·9				
Average Resultant Percentage (10 Years.)	55					67					66				
Average Resultant Direction (10 Years.)	N. 52° W.					N. 82° W.					S. 63° W.				
Average diurnal velocity of wind in miles (18 Years.)	271·0					237·0					389·5				

	JULY.					AUGUST.					SEPTEMBER.				
	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.
North	...	...	...	...	...	1	...	1	...	2	3	1	1	5	10
North-East	...	...	...	...	...	...	1	...	...	1	2	3	...	1	6
East	...	...	...	...	...	...	...	...	...	...	4	5	...	...	9
South-East	...	...	...	...	...	1	1	...	...	2	1	...	...	...	1
South	...	1	1	1	3	...	...	1	...	1	1	2	1	...	4
South-West	10	11	11	12	44	6	9	7	9	31	3	4	...	1	8
West	19	17	18	18	72	19	18	18	17	72	10	9	14	14	47
North-West	2	2	1	...	5	4	2	4	5	15	6	6	14	9	35
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	89					83					58				
Resultant Direction	S. 74° W.					S. 84° W.					N. 66° W.				
Mean diurnal velocity of wind in miles	494·2					343·5					245·5				
Average Resultant Percentage (10 Years.)	84					81					55				
Average Resultant Direction (10 Years.)	S. 75° W.					S. 81° W.					S. 89° W.				
Average diurnal velocity of wind in miles (18 Years.)	457·5					378·1					279·9				

	OCTOBER.					NOVEMBER.					DECEMBER.				
	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.
North	9	2	1	14	26	1	...	3	21	25	3	1	2	24	30
North-East	9	12	...	6	27	13	11	2	4	30	17	16	3	2	38
East	5	12	...	...	17	13	18	...	...	31	11	14	...	...	25
South-East	2	1	...	...	3	2	1	...	1	4	...	...	...	...	...
South	1	2	...	1	4	1	...	2	...	3	...	...	...	...	...
South-West	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...
West	1	2	...	1	4	1	...	2	...	3	...	...	...	...	...
North-West	5	2	27	10	44	...	...	16	3	19	...	...	19	5	24
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	57					53					64				
Resultant Direction	N. 3° E.					N. 33° E.					N. 21° E.				
Mean diurnal velocity of wind in miles	227·7					225·0					254·0				
Average Resultant Percentage (10 Years.)	38					59					63				
Average Resultant Direction (10 Years.)	N. 15° E.					N. 17° E.					N. 17° E.				
Average diurnal velocity of wind in miles (18 Years.)	234·5					237·5					239·2				

93.—POONA (*4 observations daily*).

	JANUARY.					FEBRUARY.					MARCH.					APRIL.					MAY.					JUNE.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	...	1	2	...	3	3	2	1	4	10	...	2	...	...	2	1	4	...	...	5	...	...	1	...	1	...	...	...	...	...
North-East	3	4	...	2	9	2	2	3	1	8	1	1	2	...	4	1	1	3	...	5	...	...	...	...	...	...	...	...	...	...
East	1	5	2	1	9	2	5	5	1	13	...	1	...	...	1	1	3	1	2	7	...	...	...	...	...	1	1	...	...	2
South-East	...	4	3	1	8	2	5	4	...	11	...	2	3	...	5	...	1	3	...	4	...	...	...	...	...	1	2	...	...	3
South	..	...	3	...	3	...	..	1	...	1	...	...	1	...	1	2	1	...	...	3	...	...	...	1	1	...	...	...	1	1
South-West	2	3	4	2	11	1	3	2	...	6	2	3	2	...	7	2	...	[illegible]	5	9	1	4	2	3	10	10	7	7	9	33
West	13	10	8	14	45	7	6	7	9	29	14	15	13	17	59	13	6	11	16	46	24	18	17	23	82	14	16	14	19	63
North-West	6	3	8	8	25	8	5	5	12	30	14	7	10	14	45	8	14	10	7	39	6	7	11	4	28	4	4	9	1	18
Calm	5	...	...	2	7	3	...	...	1	4	...	...	...	...	...	2	...	...	...	2	...	...	...	...	..	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	42					33					75					59					90					80				
Resultant Direction	N. 78° W.					N. 50° W.					N. 73° W.					N. 70° W.					N. 83° W.					S. 82° W.				
Mean diurnal velocity of wind in miles	147·9					131·1					224·4					233·5					393·6					339·5				
Average Resultant Percentage (17 Years.)	24					21					42					49					66					73				
Average Resultant Direction (17 Years.)	S. 63° E.					N. 28° W.					N. 41° W.					N. 35° W.					N. 55° W.					S. 79° W.				
Average diurnal velocity of wind in miles (7-8 Years.)	136·0					150·1					198·9					236·5					340·8					385·0				

	JULY.					AUGUST.					SEPTEMBER.					OCTOBER.					NOVEMBER.					DECEMBER.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	3	1	6	1	...	1	2	4	2	...	1	1	4
North-East	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	6	18	12	44	14	6	14	16	50	12	3	10	15	40
East	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	4	12	6	4	26	11	21	12	8	52	12	23	18	11	64
South-East	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	2	4	...	...	6	1	3	3	2	9	3	5	2	3	13
South	...	...	...	...	...	...	...	...	...	...	1	1	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
South-West	5	5	4	5	19	...	...	3	2	5	6	7	5	7	25	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...
West	22	23	25	25	95	25	22	25	24	96	15	14	16	14	59	5	1	2	7	15	...	...	...	...	...	...	...	...	...	...
North-West	4	3	2	1	10	6	9	3	5	23	8	8	9	9	34	7	6	2	6	21	...	...	...	1	1	...	...	...	...	...
Calm	...	...	...	...	...	...	...	.	...	...	...	...	...	...	...	4	...	...	1	5	3	...	...	1	4	2	...	...	...	2
Variable	...	...	...	...	...	...	...	..	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	93					94					84					45					82					84				
Resultant Direction	S. 87° W.					N. 84° W.					N. 88° W.					N. 33° E.					N. 70° E.					N. 78° E.				
Mean diurnal velocity of wind in miles	468·0					308·7					271·9					141·8					151·8					154·9				
Average Resultant Percentage (16-17 Years.)	85					82					70					17					45					56				
Average Resultant Direction (16-17 Years.)	S. 79° W.					S. 84° W.					N. 89° W.					N. 38° E.					S. 83° E.					S. 78° E.				
Average diurnal velocity of wind in miles (8-9 Years.)	406·3					336·3					273·8					138·7					140·3					137·2				

94.—SHOLAPUR (*2 observations daily*).

	January.			February.			March.			April.			May.			June.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	1	2	3	1	4	4	3	7	2	1	3	1	...	1	1	2	3
North-East	5	2	7	8	10	18	5	6	11	...	5	5	...	...	...	...	...	...
East	4	9	13	6	7	13	1	2	3	3	1	4	1	1	2	...	...	...
South-East	13	8	21	6	1	7	3	2	5	8	6	14	...	...	...	1	1	2
South	3	1	4	2	1	3	1	2	3	2	5	7	...	1	1	2	1	3
South-West	1	2	3	1	...	1	3	4	7	4	5	9	4	6	10	5	8	13
West	2	5	7	1	4	5	9	7	16	6	4	10	12	9	21	14	10	24
North-West	2	3	5	1	2	3	5	4	9	5	3	8	7	9	16	7	7	14
Calm	...	...	...	...	2	2	...	1	1	...	...	...	1	...	1	...	1	1
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant (Percentage)	35			45			26			20			72			69		
Resultant (Direction)	S. 63° E.			N. 66° E.			N. 53° W.			S. 23° W.			N. 84° W.			S. 89° W.		
Mean diurnal velocity of wind in miles	207·4			164·6			225·2			227·6			231·1			278·1		
Average Resultant (Percentage) 9-10 Years.	55			32			9			14			46			66		
Average Resultant (Direction) 9-10 Years.	S. 60° E.			S. 33° E.			N. 51° E.			N. 18° E.			N. 41° W.			N. 86° W.		
Average diurnal velocity of wind in miles 9-10 Years.	169·3			155·0			177·4			195·9			239·1			292·5		

	July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	...	...	1	1	2	1	2	3	3	1	4	...	1	1	...	...	...
North-East	..	...	...	...	...	...	1	1	2	9	11	20	7	11	18	3	3	6
East	...	...	...	...	...	...	...	...	...	6	8	14	15	9	24	14	19	33
South-East	...	...	...	...	...	...	...	1	1	1	2	3	7	7	14	14	9	23
South	...	...	...	...	1	1	...	1	1	...	2	2	1	1	2	...	...	...
South-West	5	10	15	3	7	10	...	1	1	3	2	5	...	...	...	...	...	...
West	19	16	35	20	15	35	16	12	28	6	3	9	...	...	...	...	...	...
North-West	7	5	12	7	7	14	12	12	24	3	2	5	...	1	1	...	...	...
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...
Resultant (Percentage)	87			84			77			32			77			88		
Resultant (Direction)	S. 88° W.			N. 86° W.			N. 66° W.			N. 45° E.			N. 87° E.			S. 77° E.		
Mean Diurnal velocity of wind in miles	364·6			271·4			285·6			295·8			280·3			203·9		
Average Resultant (Percentage) 10-Years.	81			79			68			30			63			57		
Average Resultant (Direction) 10-Years.	S. 80° W.			N. 89° W.			N. 73° W.			N. 50° E.			N. 69° E.			N. 89° E.		
Average diurnal velocity of wind in miles 9-10 Years.	294·6			263·8			237·5			177·2			183·7			163·4		

95.—RATNAGIRI (*4 observations daily*).

	January.					February.					March.					April.					May.					June.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	16	3	3	19	41	8	1	3	12	24	12	...	2	10	24	8	3	2	6	19	8	3	...	1	12	...	2	...	...	3
North-East	5	2	...	1	8	6	2	...	6	14	10	...	...	1	11	3	...	...	...	3	1	...	...	...	1	...	...	...	...	...
East	6	9	...	...	15	7	1	...	1	9	1	...	...	...	1	1	...	...	...	1	2	...	...	...	2	3	...	...	1	4
South-East	...	3	...	...	3	2	6	...	...	8	2	...	...	1	3	2	...	...	1	3	3	...	...	1	4	1	2	...	4	7
South	...	1	..	...	1	...	...	...	...	...	1	...	...	...	1	3	..	...	1	4	1	1	1	1	4	3	2	5	1	11
South-West	...	1	2	...	3	...	3	2	...	5	...	9	2	1	12	1	8	1	2	12	1	5	3	3	12	4	7	6	4	21
West	...	2	10	...	12	...	2	4	...	6	...	9	7	...	16	...	4	10	4	18	2	10	14	6	32	12	11	12	16	51
North-West	4	10	16	11	41	1	10	17	6	34	1	12	20	17	50	8	12	13	13	46	12	11	12	18	53	3	2	4	2	11
Calm	...	...	...	...	...	...	...	...	...	...	4	1	...	1	6	1	...	...	...	1	...	...	...	...	...	2	1	1	1	5
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	59					50					60					62					67					60				
Resultant Direction	N. 16° W.					N. 10° W.					N. 41° W.					N. 54° W.					N. 64° W.					S. 73° W.				
Mean diurnal velocity of wind in miles	227·9					244·1					248·3					257·5					255·9					253·0				
Average Resultant Percentage (10 Years.)	30					52					60					67					64					66				
Average Resultant Direction (10 Years.)	N. 34° W.					N. 52° W.					N. 72° W.					N. 76° W.					N. 73° W.					S. 53° W.				
Average diurnal velocity of wind in miles (4 Years.)	234·6					234·4					237·1					265·2					267·7					288·7				

	July.					August.					September.					October.					November.					December.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	...	...	1	...	1	4	1	...	1	6	7	5	2	7	21	4	2	4	10	20	1	...	1	7	9	...	...	5	10	15
North-East	1	...	...	...	1	2	...	...	2	4	3	...	...	2	5	8	3	...	4	15	4	4	...	9	17	9	2	...	15	26
East	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	4	6	1	1	12	13	9	2	2	26	16	14	2	...	32
South-East	...	...	...	...	...	...	..	...	1	1	2	1	...	...	3	3	5	1	2	11	7	11	2	4	24	5	15	1	1	22
South	...	...	...	1	1	1	1	1	...	3	...	...	...	1	1	...	...	...	1	1	...	...	1	...	1	...	...	...	...	...
South-West	9	13	12	14	48	9	7	7	5	28	...	6	1	...	7	2	4	5	...	11	...	1	2	...	3	...	...	1	...	1
West	17	15	17	14	63	8	12	13	10	43	4	6	10	5	25	...	5	7	...	12	...	...	4	...	4	...	...	4	...	4
North-West	3	2	...	1	6	6	9	9	11	35	9	12	17	13	51	3	6	13	9	31	...	...	10	3	13	...	...	18	5	23
Calm	...	...	...	...	...	...	...	...	...	...	3	...	...	2	5	7	...	...	4	11	...	...	3	1	4	1	...	...	...	1
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	87					71					67					30					41					45				
Resultant Direction	S. 74° W.					N. 83° W.					N. 49° W.					N. 17° W.					N. 76° E.					N. 53° E.				
Mean diurnal velocity of wind in miles	361·7					229·8					174·3					184·0					216·5					248·4				
Average Resultant Percentage (10 Years.)	77					61					55					17					30					36				
Average Resultant Direction (10 Years.)	S. 55° W.					S. 63° W.					S. 88° W.					S. 81° W.					N. 1° W.					N. 4° W.				
Average diurnal velocity of wind in miles (4-5 Years.)	329·8					246·1					197·6					183·7					216·7					237·6				

TABLE IX.—DIRECTION AND MEAN MOVEMENT OF WINDS IN 1887.

96.—BELGAUM (*4 observations daily*).

	JANUARY.					FEBRUARY.					MARCH.					APRIL.				
	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.
North	6	4	9	...	19	9	3	3	...	15	6	7	2	...	15	5	8	1	...	14
North-East	5	6	1	1	13	1	8	8	2	19	..	8	3	...	11	2	2	...	...	4
East	5	6	5	7	23	5	8	8	7	28	1	2	2	1	6	...	5	...	...	5
South-East	4	8	5	...	17	3	7	2	...	12	1	3	3	...	7	1	3	2	4	10
South	...	2	4	...	6	...	1	...	...	1	1	...	1	...	2	1	1	2	4	8
South-West	1	...	...	2	3	1	1	2	6	10	1	1	5	9	16	6	...	9	8	23
West	3	1	4	16	24	4	...	2	11	17	13	6	11	19	49	6	5	12	10	33
North-West	3	1	3	5	12	4	...	3	2	9	7	2	2	1	12	6	3	1	1	11
Calm	...	...	...	...	...	1	...	...	.	1	...	...	...	...	...	...	..	...	...	..
Variable	...	...	...	...	...	...	...	...	...	...	...	...	.	..	...	...	...	...	...	...
Resultant { Percentage	16					24					44					40				
Resultant { Direction	N. 30° E.					N. 47° E.					N. 75° W.					S. 81° W.				
Mean diurnal velocity of wind in miles	203·8					264·6					312·4					290·4				
Average Resultant { Percentage	50					23					8					25				
Average Resultant { Direction	S. 71° E.					S. 78° E.					S. 88° W.					S. 88° W.				
17 Years.																				
Average diurnal velocity of wind in miles	261·2					240·5					278·6					314·1				
6-7 Years.																				

	MAY.					JUNE.				
	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.
North	...	1	...	1	2	...	...	...	...	...
North-East	..	...	..	...	...	...	...	...	...	..
East	...	...	...	...	...	...	...	...	...	...
South-East	...	...	...	...	...	...	...	...	...	...
South	...	...	...	...	...	...	...	...	...	...
South-West	8	8	14	10	40	12	13	20	14	59
West	19	17	17	18	71	12	11	5	10	38
North-West	3	4	...	2	9	1	...	1	...	2
Calm	...	..	...	...	..	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	87					85				
Resultant { Direction	S. 78° W.					S. 53° W.				
Mean diurnal velocity of wind in miles	459·2					562·8				
Average Resultant { Percentage	73					86				
Average Resultant { Direction	S. 88° W.					S. 73° W.				
17 Years.										
Average diurnal velocity of wind in miles	434·5					582·5				
6-7 Years.										

	JULY.					AUGUST.					SEPTEMBER.					OCTOBER.				
	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.
North	...	...	...	...	...	...	...	...	...	...	...	2	...	...	2	3	5	4	1	13
North-East	...	...	..	...	...	...	...	..	...	...	...	1	...	...	1	5	7	11	8	31
East	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	10	5	7	28
South-East	...	...	...	...	...	...	..	...	...	..	...	...	...	...	...	2	1	...	1	4
South	1	1	..	...	2	...	...	1	...	1	...	...	...	.	...	...	4	2	1	7
South-West	21	19	21	21	82	13	14	19	9	55	6	7	19	6	38	3	1	5	4	13
West	9	11	10	10	40	17	16	11	21	65	21	12	10	23	66	6	1	2	7	16
North-West	...	...	..	...	...	1	1	...	1	3	3	8	1	1	13	4	1	1	1	7
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1
Variable	...	...	.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	93					91					85					26				
Resultant { Direction	S. 59° W.					S. 70° W.					S. 82° W.					N. 47° E.				
Mean diurnal velocity of wind in miles	702·8					445·1					399·8					267·1				
Average Resultant { Percentage	90					89					82					72				
Average Resultant { Direction	S. 70° W.					S. 79° W.					N. 84° W.					N. 88° E.				
16-17 Years.																				
Average diurnal velocity of wind in miles	669·2					496·5					400·1					251·0				
7 Years.																				

	NOVEMBER.					DECEMBER.				
	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.
North	3	...	2	2	7	...	...	...	...	...
North-East	6	7	13	9	35	9	2	10	8	29
East	13	18	12	13	56	17	23	17	19	76
South-East	5	4	1	2	12	5	6	4	4	19
South	1	1	1	...	3	...	...	...	...	...
South-West	1	...	...	...	1	...	...	...	...	...
West	...	...	1	2	3	...	...	...	...	...
North-West	...	...	...	2	2	...	...	...	..	...
Calm	1	...	...	...	1	1	...	...	...	..
Variable	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	72					89				
Resultant { Direction	N. 76° E.					N. 86° E.				
Mean diurnal velocity of wind in miles	276·6					364·1				
Average Resultant { Percentage	67					70				
Average Resultant { Direction	N. 84° E.					S. 87° E.				
16-17 Years.										
Average diurnal velocity of wind in miles	279·9					295·6				
7 Years.										

97.—KARWAR (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	1	1
North-East	28	...	28	22	...	22	1	...	1	...	...	...	...	...	...	...	...	...
East	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South-East	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South-West	...	...	...	1	2	3	2	2	4	1	2	3	7	4	11	15	15	30
West	1	4	5	2	13	15	16	10	26	16	13	29	4	2	6	13	10	23
North-West	2	27	29	3	13	16	12	19	31	13	15	28	19	25	44	2	4	6
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	66			50			87			90			82			85		
Resultant Direction	N. 8° W.			N. 28° W.			N. 68° W.			N. 71° W.			N. 62° W.			S. 72° W.		
Mean diurnal velocity of wind in miles	No instrument.																	
Average Resultant Percentage (10 Years.)	53			61			70			75			81			76		
Average Resultant Direction (10 Years.)	N. 5° W.			N. 50° W.			N. 80° W.			N. 84° W.			N. 69° W.			S. 76° W.		
Average diurnal velocity of wind in miles (Years.)	...			...			...			...			...			...		

	JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	...	...	...	...	...	1	2	3	...	1	1	...	...	...	...	...	...
North-East	...	...	...	...	...	...	...	...	...	3	...	3	20	...	20	31	4	35
East	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South-East	...	...	...	...	...	...	...	...	...	...	2	2	...	1	1	...	2	2
South	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South-West	17	19	36	4	3	7	3	2	5	4	3	7	3	2	5	...	...	...
West	13	11	24	21	16	37	20	12	32	14	10	24	7	11	18	...	7	7
North-West	1	1	2	6	12	18	6	14	20	10	15	25	...	16	16	...	18	18
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	91			89			86			73			46			59		
Resultant Direction	S. 65° W.			N. 82° W.			N. 75° W.			N. 71° W.			N. 40° W.			N. 10° E.		
Mean diurnal velocity of wind in miles	No instrument.																	
Average Resultant Percentage (10 Years.)	80			79			78			56			46			57		
Average Resultant Direction (10 Years.)	S. 74° W.			W.			N. 86° W.			N. 82° W.			N. 26° W.			N. 1° E.		
Average diurnal velocity of wind in miles (Years.)	...			...			...			...			...			...		

TABLE IX.—DIRECTION AND MEAN MOVEMENT OF WINDS IN 1887.

98.—GOPALPUR (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	6	...	6	5	...	5	...	...	...	...	...	...	...	...	...	1	...	1
North-East	4	1	5	1	1	2	...	...	...	...	...	...	1	...	1	1	1	2
East	2	7	9	1	5	6	...	...	...	...	...	...	2	1	3	1	1	2
South-East	...	14	14	...	7	7	2	3	5	1	5	6	2	6	8	1	1	2
South	3	7	10	2	11	13	11	16	27	16	17	33	15	17	32	11	15	26
South-West	3	2	5	4	4	8	10	10	20	10	8	18	7	7	14	11	12	23
West	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...
North-West	5	...	5	4	...	4	...	...	...	...	...	...	...	...	...	2	...	2
Calm	8	...	8	11	...	11	8	1	9	3	...	3	4	...	4	2	...	2
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	30			27			74			84			76			70		
Resultant Direction	S. 56° E.			S. 15° E.			S. 15° W.			S. 10° W.			S. 1° W.			S. 18° W.		
Mean diurnal velocity of wind in miles	125·7			184·8			284·2			287·5			237·9			344·8		
Average Resultant Percentage (6 Years.)	18			51			75			90			86			73		
Average Resultant Direction (6 Years.)	S. 64° E.			S. 9° E.			S. 1° E.			S. 5° W.			S.			S. 12° W.		
Average diurnal velocity of wind in miles (5-7 Years.)	155·7			230·0			282·6			347·8			319·1			277·3		

	JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	1	2	...	...	...	5	...	5	16	3	19	11	1	12	14	...	14
North-East	1	...	1	1	1	2	1	...	1	1	4	5	5	8	13	5	4	9
East	2	...	2	2	4	6	...	4	4	3	12	15	1	17	18	...	18	18
South-East	...	2	2	1	4	5	1	5	6	...	6	6	...	2	2	...	8	8
South	7	10	17	7	11	18	5	12	17	2	2	4	...	2	2	...	...	...
South-West	15	13	28	11	11	22	7	6	13	2	2	4	1	...	1	...	...	...
West	...	2	2	1	...	1	2	...	2	...	...	...	...	...	...	...	...	...
North-West	1	2	3	1	...	1	3	1	4	4	1	5	8	...	8	12	...	12
Calm	4	1	5	7	...	7	6	2	8	3	1	4	4	...	4	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	63			57			37			36			53			52		
Resultant Direction	S. 31° W.			S. 10° W.			S. 13° W.			N. 48° E.			N. 44° E.			N. 43° E.		
Mean diurnal velocity of wind in miles	261·5			203·2			149·5			139·0			166·4			198·9		
Average Resultant Percentage (6 Years.)	74			63			46			18			43			41		
Average Resultant Direction (6 Years.)	S. 16° W.			S. 9° W.			S. 6° W.			N. 41° E.			N. 29° E.			N. 44° E.		
Average diurnal velocity of wind in miles (6-7 Years.)	272·2			218·8			173·3			150·9			169·1			164·8		

99.—VIZAGAPATAM (*4 observations daily*).

	JANUARY.					FEBRUARY.					MARCH.					APRIL.					MAY.					JUNE.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	...	1	4	1	6	1	2	1	...	4	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...
North-East	...	1	3	1	5	...	2	...	1	3	...	...	1	...	1	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...
East	1	...	2	3	6	...	...	4	2	6	...	...	...	...	...	...	...	...	...	...	...	1	1	1	3	...	...	1	1	2
South-East	...	...	4	4	8	...	...	2	2	4	2	2	4	1	9	2	3	5	3	13	2	3	6	5	16	1	1	2	...	4
South	3	...	8	5	16	3	3	11	4	21	5	8	14	9	36	1	4	15	4	24	2	4	13	3	22	3	3	13	3	22
South-West	3	1	6	7	17	2	3	6	9	20	8	13	9	7	37	12	10	9	12	43	5	13	8	9	35	4	9	5	12	30
West	19	23	3	4	49	19	17	4	7	47	15	7	3	12	37	14	11	1	9	35	19	9	3	10	41	20	15	8	12	55
North-West	5	5	1	6	17	3	1	...	3	7	1	1	...	2	4	1	1	...	2	4	3	...	...	3	6	2	2	1	2	7
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	48					55					71					70					62					72				
Resultant Direction	S. 78° W.					S. 64° W.					S. 42° W.					S. 45° W.					S. 46° W.					S. 62° W.				
Mean diurnal velocity of wind in miles	10·5					14·8					31·6					33·7					26·7					32·1				
Average Resultant Percentage (15 Years.)	42					43					58					64					60					63				
Average Resultant Direction (15 Years.)	S. 60° E.					S. 11° W.					S. 45° W.					S. 48° W.					S. 41° W.					S. 58° W.				
Average diurnal velocity of wind in miles (16 Years.)	42·4					48·6					72·2					93·9					90·3					91·9				

	JULY.					AUGUST.					SEPTEMBER.					OCTOBER.					NOVEMBER.					DECEMBER.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	...	...	1	...	1	...	...	...	...	...	2	1	2	1	6	2	6	4	3	15	6	14	11	8	39	7	14	6	5	32
North-East	...	...	...	...	...	...	...	...	...	...	...	1	...	1	2	5	6	7	7	25	14	12	16	14	56	16	10	14	13	53
East	...	...	1	1	2	...	3	...	...	3	...	1	2	...	3	8	3	6	7	24	2	...	1	6	9	7	3	10	13	33
South-East	1	3	3	1	8	2	4	5	2	13	...	1	...	2	3	1	3	4	5	13	1	...	1	1	3	...	1	...	...	1
South	...	...	4	1	5	...	1	7	5	13	...	1	9	1	11	...	4	5	1	10	...	...	1	1	2	...	...	...	...	...
South-West	5	7	5	6	23	5	6	8	5	24	7	6	11	9	33	4	1	3	4	12	...	3	...	...	3	...	...	...	...	...
West	20	17	14	19	70	20	11	7	14	52	16	17	6	14	53	7	7	1	3	18	3	...	...	...	3	...	...	...	...	...
North-West	5	4	3	3	15	3	5	3	4	15	5	2	...	2	9	4	1	1	1	7	4	1	...	...	5	1	3	1	...	5
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	73					61					66					18					72					80				
Resultant Direction	S. 80° W.					S. 67° W.					S. 73° W.					N. 63° E.					N. 29° E.					N. 43° E.				
Mean diurnal velocity of wind in miles	27·3					18·5					16·5					18·6					16·9					30·4				
Average Resultant Percentage (15 Years.)	74					64					48					18					56					55				
Average Resultant Direction (15 Years.)	S. 74° W.					S. 74° W.					S. 60° W.					S. 65° E.					N. 75° E.					N. 83° E.				
Average diurnal velocity of wind in miles (15-16 Years.)	96·8					70·7					52·4					47·2					57·3					50·8				

TABLE IX.—DIRECTION AND MEAN MOVEMENT OF WINDS IN 1887.

100.—MASULIPATAM (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	4	2	6	...	...	...	...	...	...	...	...	...	6	2	8	2	1	3	2	4	6	2	4	6	1	5	6	8	3	11	10	3	13	12	...	12
North-East	2	..	2	2	...	2	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	1	1	1	1	2	8	1	9	8	2	10	13	3	16
East	10	4	14	6	...	6	...	1	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	2	1	3	2	8	10	9	11	20	6	18	24
South-East	8	18	26	8	15	23	7	6	13	9	9	18	1	8	9	1	5	6	..	1	1	...	1	1	...	4	4	2	11	13	1	9	10	...	9	9
South	5	7	12	8	13	21	23	24	47	18	21	39	7	11	18	1	10	11	...	...	...	...	4	4	...	4	4	3	7	10	...	...	...	...	1	1
South-West	1	...	1	1	..	1	1	...	1	2	...	2	...	...	...	1	...	1	1	1	2	1	2	3	1	1	2	2	...	2	...	...	...	..	...	...
West	...	...	...	1	...	1	...	...	...	...	...	...	4	5	9	10	5	15	11	13	24	12	7	19	8	5	13	2	...	2	...	...	...	.	...	...
North-West	1	...	1	...	...	...	...	..	..	...	...	...	13	5	18	15	9	24	17	12	29	15	12	27	14	5	19	1	...	1	...	...	...	...	...	...
Calm	...	...	...	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	3	4	7	3	1	4	2	5	7	...	...	...
Variable	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	64			76			93			91			25			48			83			70			40			35			61			72		
Resultant Direction	S. 55° E.			S. 31° E.			S. 9° E.			S. 13° E.			S. 77° W.			N. 82° W.			N. 62° W.			N. 64° W.			N. 59° W.			S. 83° E.			N. 69° E.			N. 69° E.		
Mean diurnal velocity of wind in miles	102·1			101·1			157·8			177·1			232·5			259·0			257·9			158·9			131·4			108·9			113·9			133·5		
Average Resultant Percentage (9-10 Years.)	81			73			79			83			63			73			79			77			72			38			81			82		
Average Resultant Direction (9-10 Years.)	N. 69° E.			S. 73° E.			S. 20° E.			S. 3° W.			S. 19° W.			S. 74° W.			S. 81° W.			S. 84° W.			N. 77° W.			N. 29° E.			N. 58° E.			N. 58° E.		
Average diurnal velocity of wind in miles (5-6 Years.)	125·2			122·6			163·3			210·6			213·9			225·7			232·0			186·2			152·6			104·6			131·5			137·4		

101.—SECUNDERABAD (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 h urs.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 h urs.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.
North	4	4	8	1	7	8	6	5	11	1	2	3	3	2	5	...	...	...	...	...	...	...	1	1	2	3	5	1	4	5	2	2	4	1	...	1
North-East	...	2	2	2	11	13	1	5	6	...	5	5	...	...	...	...	...	..	...	...	...	...	1	1	1	1	2	11	18	29	13	14	27	9	14	23
East	12	12	24	9	6	15	1	5	6	4	11	15	...	...	..	..	...	...	...	...	...	...	..	...	...	..	...	12	6	18	9	9	18	14	15	29
South-East	9	4	13	6	2	8	5	7	12	6	10	16	...	...	...	...	...	..	...	...	...	...	...	...	...	1	1	2	1	3	5	5	10	7	2	9
South	1	1	2	1	...	1	3	1	4	3	1	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	1	...	1	...	...	...
South-West	1	1	2	4	...	4	5	1	6	9	...	9	3	3	6	7	10	17	5	7	12	...	4	4	2	5	7	1	2	3	...	...	...	...	...	...
West	1	...	1	3	1	4	4	...	4	5	1	6	10	16	26	12	15	27	21	17	38	14	17	31	9	8	17	2	...	2	...	...	...	...	...	...
North-West	3	5	8	2	...	2	6	4	10	2	...	2	15	10	25	11	5	16	5	7	12	17	8	25	16	12	28	...	...	...	...	...	...	...	...	...
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...
Variable	...	2	2	...	1	1		3	3	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	43			42			11			35			83			84			89			86			74			67			78			85		
Resultant Direction	N. 85° E.			N. 67° E.			N. 31° E.			S. 50° E.			N. 69° W.			S. 89° W.			W.			N. 72° W.			N. 63° W.			N. 62° E.			N. 71° E.			N. 78° E.		
Mean diurnal velocity of wind in miles	128·0			124·5			137·6			167·0			284·3			324·8			367·9			220·5			174·1			136·0			105·1			129·1		
Average Resultant Percentage (9-10 Years.)	71			50			25			11			40			85			85			82			74			44			75			74		
Average Resultant Direction (9-10 Years.)	S. 89° E.			S. 74° E.			S. 64° E.			S. 6° W.			N. 77° W.			S. 79° W.			S. 73° W.			S. 87° W.			N. 86° W.			N. 30° E.			N. 53° E.			N. 63° E.		
Average diurnal velocity of wind in miles (9-13 Years.)	90·9			90·8			120·6			126·1			178 0			294·7			319·3			239·2			166·8			91·8			84 6			80·3		

102.—BELLARY (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	4	3	7	1	2	3	4	1	5	2	1	3	1	2	3	...	1	1	...	...	...	...	1	1	1	3	4	2	4	6	...	2	2	...	2	2
North-East	...	3	3	1	4	5	...	1	1	...	1	1	...	...	...	1	1	2	...	...	...	...	...	...	...	...	...	2	2	4	6	5	11	2	3	5
East	9	7	16	4	12	16	...	8	8	5	10	15	...	...	...	...	1	1	...	...	...	...	...	...	...	1	1	11	9	20	15	14	29	22	19	41
South-East	7	10	17	13	6	19	1	3	4	1	3	4	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	3	5	8	6	7	13	6	5	11
South	6	1	7	8	2	10	7	2	9	9	4	13	2	1	3	...	...	...	...	...	...	...	...	...	...	...	...	2	3	5	1	...	1	1	1	2
South-West	...	1	1	...	1	1	3	3	6	3	3	6	3	3	6	6	6	12	2	9	11	2	4	6	...	4	4	1	4	5	...	...	...	...	...	...
West	...	2	2	...	1	1	5	5	10	5	2	7	13	9	22	16	17	33	28	19	47	21	17	38	20	13	33	2	...	2	...	...	...	...	...	...
North-West	5	3	8	1	...	1	9	8	17	5	3	8	12	15	27	7	4	11	1	3	4	8	9	17	9	7	16	5	2	7	...	...	...	...	...	...
Calm	...	1	1	...	...	...	2	...	2	...	3	3	...	1	1	...	...	...	...	...	...	...	...	...	...	1	1	3	2	5	2	2	4	...	1	1
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	36			62			24			18			77			78			93			89			78			29			77			85		
Resultant Direction	S. 77° E.			S. 61° E.			N. 84° W.			S. 9° E.			N. 72° W.			N. 88° W.			S. 85° W.			N. 81° W.			N. 75° W.			S. 89° E.			S. 89° E.			S. 85° E.		
Mean diurnal velocity of wind in miles	95·6			77·9			100·9			82·6			225·2			287·3			305·7			219·4			209·6			110·2			70·1			74·4		
Average Resultant Percentage (10 Years)	74			54			22			16			62			84			88			87			78			19			59			72		
Average Resultant Direction (10 Years)	S. 70° E.			S. 56° E.			S. 27° E.			S. 51° W.			N. 78° W.			W.			S. 89° W.			N. 85° W.			N. 78° W.			N. 17° E.			N. 84° E.			S. 85° E.		
Average diurnal velocity of wind in miles 13-16 Years.	80·3			96·1			110·7			125·4			201·5			252·5			279·1			256·2			223·8			102·5			79·3			75·5		

103.—MANGALORE (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	2	...	2	1	...	1	2	...	2	...	...	...	4	...	4	1	1	2	2	...	2	1	1	2	3	...	3	1	1	2	...	...	...	...	1	1
North-East	9	...	9	2	...	2	...	...	...	...	...	...	...	...	...	1	1	2	1	...	1	1	...	1	...	...	...	1	...	1	6	1	7	9	...	9
East	11	...	11	10	...	10	1	...	1	...	...	...	...	...	...	2	1	3	1	...	1	2	...	2	1	...	1	2	...	2	12	...	12	18	...	18
South-East	...	...	...	5	...	5	1	...	1	1	...	1	2	1	3	2	...	2	1	...	1	1	1	2	1	...	1	1	1	2	3	...	3	4	...	4
South	...	...	...	3	...	3	9	1	10	2	...	2	5	2	7	5	1	6	4	...	4	5	...	5	3	...	3	5	1	6	5	2	7	...	...	...
South-West	...	1	1	2	1	3	1	4	5	4	3	7	1	2	3	5	7	12	3	5	8	3	4	7	3	3	6	3	3	6	...	6	6	...	3	3
West	...	16	16	1	17	18	3	11	14	11	13	24	6	11	17	7	10	17	13	16	29	3	14	17	8	15	23	3	14	17	1	12	13	...	15	15
North-West	4	14	18	2	10	12	13	15	28	10	14	24	13	15	28	3	6	9	5	7	12	11	9	20	11	12	23	11	9	20	2	5	7	...	9	9
Calm	5	...	5	2	...	2	1	...	1	2	...	2	...	...	...	4	3	7	1	3	4	4	2	6	...	...	...	4	2	6	1	4	5	...	3	3
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	38			25			59			77			63			45			66			52			72			51			8			15		
Resultant Direction	N. 31° W.			N. 81° W.			N. 78° W.			N. 78° W.			N. 71° W.			S. 77° W.			N. 89° W.			N. 80° W.			N. 75° W.			N. 81° W.			S. 42° W.			N. 23° E.		
Mean diurnal velocity of wind in miles	83·0			79·6			88·9			95·0			103·0			94·6			78·2			66·6			64·5			66·6			63·6			75·4		
Average Resultant Percentage (7-8 Years)	23			39			69			82			70			45			59			60			52			41			18			15		
Average Resultant Direction (7-8 Years)	N. 24° W.			N. 76° W.			N. 84° W.			N. 86° W.			N. 76° W.			S. 82° W.			S. 81° W.			N. 82° W.			N. 89° W.			S. 76° W.			N. 66° W.			N. 5° E.		
Average diurnal velocity of wind in miles. 7-8 Years.	93·5			83·6			82·6			88·4			111·0			89·6			77·8			69·0			58·6			64·1			73·0			84·6		

TABLE IX.—DIRECTION AND MEAN MOVEMENT OF WINDS IN 1887.

104A.—MERCARA (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	3	11	14	...	14	14	7	14	21	5	9	14	9	10	19	2	4	6	6	4	10	4	11	15	Since September winds not received from T. O.											
North-East	8	6	14	4	6	10	2	4	6	2	2	4	1	...	1	...	...	...	...	...	...	...	...	...												
East	12	9	21	8	6	14	1	1	2	2	1	3	...	...	...	...	...	...	...	...	...	...	...	...												
South-East	4	4	8	9	1	10	5	...	5	6	...	6	...	...	...	...	...	...	...	...	...	...	...	...												
South	2	...	2	4	...	4	4	1	5	5	2	7	1	1	2	1	...	1	...	...	...	...	...	...												
South-West	1	...	1	2	...	2	6	1	7	6	3	9	2	3	5	5	4	9	1	...	1	...	...	...												
West	...	...	...	...	...	...	3	2	5	3	2	5	5	5	10	9	8	17	10	10	20	9	6	15												
North-West	1	1	2	1	1	2	3	8	11	1	11	12	13	12	25	13	14	27	14	17	31	18	14	32												
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...												
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...												
Resultant Percentage	62			49			34			21			71			77			85			86			...			...			...			...		
Resultant Direction	N. 64° E.			N. 68° E.			N 22° W.			N. 52° W.			N. 44° W.			N. 67° W.			N. 54° W.			N. 45° W.			...			...			...			...		
Mean diurnal velocity of wind in miles	38·0			133·1			85·9			60·6			126·3			171·4			273·5			176·8			...			...			...			...		
Average Resultant Percentage (6-8 Years.)	66			34			15			44			67			85			89			86			86			26			50			74		
Average Resultant Direction (6-8 Years.)	N. 72° E.			N. 53° E.			N. 50° W.			N. 71° W.			N. 67° W			N. 79° W.			N. 77° W.			N. 71° W.			N. 72° W.			N. 43° W			N. 60° E.			N. 73° E.		
Average diurnal velocity of winds in miles. 7-8 Years.	104·0			95·9			82·5			92·1			126·0			216·7			271·7			214·0			188·5			86·5			88·3			112·0		

104 B.—MERCARA (CIVIL DISPENSARY) (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	4	7	11	2	8	10	4	8	12	3	1	4	6	3	9	...	...	...	12	11	23	3	3	6	...	3	3	3	4	7	1	7	8	...	1	1
North-East	10	12	22	4	5	9	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	9	19	8	7	15	7	11	18
East	10	4	14	14	8	22	6	3	9	6	4	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	4	8	14	10	24	23	19	42
South-East	1	2	3	4	...	4	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	2	1	3	1	...	1
South	3	1	4	1	...	1	4	...	4	4	...	4	1	1	2	2	...	2	...	1	1	...	...	...	...	...	...	...	...	...	1	1	2	...	...	...
South-West	2	...	2	2	...	2	3	1	4	4	3	7	1	4	5	8	5	13	2	...	2	1	...	1	...	...	...	1	2	3	1	...	1	...	...	...
West	1	2	3	1	3	4	3	10	13	9	9	18	19	17	36	14	18	32	5	1	6	13	16	29	13	10	23	4	8	12	1	1	2	...	...	...
North-West	...	3	3	...	4	4	6	8	14	1	10	11	4	6	10	5	6	11	11	18	29	14	12	26	17	17	34	8	4	12	2	3	5	...	...	...
Calm	...	...	...	...	...	...	2	1	3	2	3	5	...	...	...	1	1	2	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	53			48			35			34			77			82			80			86			90			42			58			92		
Resultant Direction	N. 50° E.			N. 59° E.			N. 43° W.			N. 84° W.			N. 77° W.			S. 86° W.			N. 34° W			N. 64° W.			N. 60° W.			N. 1° W.			N. 60° E.			N. 77° E.		
Mean diurnal velocity of wind in miles	Not recorded.																																			
Average Resultant Percentage (Years.)	...			...			...			...			...			...			...			...			...			...			...			...		
Average Resultant Direction (Years.)	...			...			...			...			...			...			...			...			...			...			...			...		
Average diurnal velocity of wind in miles. Years.	...			...			...			...			...			...			...			...			...			...			...			...		

105.—BANGALORE (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.
North	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	1	3	4	2	6	3	3	6
North-East	10	6	16	5	4	9	3	2	5	1	...	1	1	1	2	...	...	...	...	...	...	...	...	...	1	1	2	9	9	18	13	14	27	19	19	38
East	13	17	30	13	15	28	...	1	1	6	6	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	5	9	9	9	18	9	9	18
South-East	3	3	6	7	5	12	6	5	11	4	5	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	1	2	...	...	...
South	2	1	3	1	3	4	4	3	7	2	1	3	1	...	1	...	...	...	...	...	...	1	2	3	...	...	...	2	2	4	1	...	1	...	...	...
South-West	1	1	2	1	1	2	9	9	18	5	4	9	6	5	11	6	5	11	5	5	10	4	3	7	1	1	2	2	3	5	...	...	...	...	...	...
West	1	2	3	1	...	1	9	10	19	10	10	20	21	22	43	23	25	48	25	26	51	25	25	50	23	23	46	6	6	12	...	...	...	...	...	...
North-West	1	...	1	...	...	...	...	1	1	2	4	6	2	3	5	1	...	1	1	...	1	1	1	2	5	5	10	5	5	10	3	4	7	...	...	...
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	66			73			50			26			86			95			95			92			89			23			72			90		
Resultant Direction	N. 84° E.			S. 79° E.			S. 41° W.			S. 47° W.			S. 86° W.			S. 83° W.			S. 84° W.			S. 83° W.			N. 82° W.			N. 1° W.			N. 49° E.			N. 54° E.		
Mean diurnal velocity of wind in miles	83·3			85·4			77·4			82·7			192·5			195·8			210·0			150·7			151·8			104·8			92·8			99·2		
Average Resultant Percentage (10 Years.)	83			66			50			52			72			90			91			91			88			9			63			84		
Average Resultant Direction (10 Years.)	N. 88° E.			S. 67° E.			S. 22° E.			S. 33° W.			S. 71° W.			S. 71° W.			S. 71° W.			S. 78° W.			S. 82° W.			N. 16° W.			N. 60° E.			N. 70° E.		
Average diurnal velocity of wind in miles. 17-18 Years.	91·7			85·7			85·7			84·8			32·5			202·3			206·2			181·3			161·2			95·2			89·8			93·3		

106.—MADRAS (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	12 hours.	24 hours.	Total.	12 hours.	24 hours.	Total.	12 hours.	24 hours.	Total.	12 hours.	24 hours.	Total.	12 hours.	24 hours.	Total.	12 hours.	24 hours.	Total.	12 hours.	24 hours.	Total.	12 hours.	24 hours.	Total.	12 hours.	24 hours.	Total.	12 hours.	24 hours.	Total.	12 hours.	24 hours.	Total.	12 hours.	24 hours.	Total.
North	3	1	4	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2	3	7	7	14	9	10	19	13	13	26
North-East	13	12	25	12	11	23	...	1	1	1	2	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	6	12	11	12	23	13	15	28
East	7	10	17	7	8	15	3	2	5	5	6	11	...	1	1	...	1	1	...	...	...	...	1	1	...	2	2	2	4	6	5	6	11	3	3	6
South-East	4	7	11	5	7	12	9	21	30	12	20	32	...	16	16	...	3	3	...	4	4	...	10	10	...	4	4	1	5	6	1	...	1	1	...	1
South	4	1	5	3	...	3	16	7	23	11	2	13	8	11	19	2	12	14	...	4	4	4	10	14	3	11	14	6	5	11	1	1	2	...	...	...
South-West	...	...	...	...	1	1	3	...	3	1	...	1	17	2	19	15	9	24	13	11	24	18	5	23	12	5	17	5	...	5	...	...	...	...	...	...
West	...	...	...	...	...	...	...	...	...	...	...	...	6	1	7	12	5	17	17	11	28	8	3	11	12	4	16	1	1	2	...	...	...	...	...	...
North-West	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	1	2	1	2	3	2	2	4	3	3	6	3	1	4	1	...	1
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	70			71			84			82			72			75			79			66			58			19			72			85		
Resultant Direction	N. 78° E.			N. 81° E.			S. 29° E.			S. 46° E.			S. 11° W.			S. 44° W.			S. 63° W.			S. 31° W.			S. 49° W.			N. 48° E.			N. 35° E.			N. 29° E.		
Mean diurnal velocity of wind in miles	116·9			120·9			178·7			168·8			236·2			214·8			204·5			143·2			137·2			135·1			133·2			198·2		
Average Resultant Percentage (15 Years.)	76			68			81			83			66			58			65			58			53			10			59			75		
Average Resultant Direction (15 Years.)	N. 48° E.			E.			S. 50° E.			S. 40° E.			S. 15° E.			S. 36° W.			S. 46° W.			S. 40° W.			S. 36° W.			N. 35° E.			N. 24° E.			N. 24° E.		
Average diurnal velocity of wind in miles. 18 Years.	147·0			121·1			153·2			189·3			221·7			215·0			198·6			174·5			157·0			121·0			163·6			183·5		

107.—SALEM (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.
North	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...
North-East	2	...	2	6	...	6	3	...	3	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	1	...	1	4	...	4	3	...	3
East	4	10	14	4	7	11	4	4	8	4	1	5	...	..	...	...	...	...	...	...	...	..	...	...	...	...	...	4	1	5	9	5	14	9	5	14
South-East	11	12	23	5	8	13	5	6	11	6	5	11	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	2	4	6	2	10	12	5	9	14
South	8	5	13	...	4	4	4	13	17	4	14	18	1	11	12	1	2	3	1	5	6	1	7	8	3	4	7	1	4	5	2	4	6	..	6	6
South-West	4	4	8	7	7	14	13	7	20	8	9	17	15	18	33	14	19	33	15	20	35	8	19	27	12	17	29	12	16	28	8	9	17	10	8	18
West	1	...	1	3	1	4	2	1	3	7	1	8	14	2	16	12	9	21	14	6	20	16	5	21	8	8	16	9	6	15	4	2	6	2	3	5
North-West	1	...	1	2	1	3	...	...	...	...	...	...	1	...	1	3	...	3	1	...	1	6	...	6	5	1	6	2	...	2	1	...	1	2	...	2
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	66			32			59			63			85			87			88			80			77			61			40			42		
Resultant Direction	S. 37° E.			S. 28° E.			S. 1° E.			S. 10° W.			S. 49° W.			S. 62° W.			S. 56° W.			S. 63° W.			S. 60° W.			S. 44° W.			S. 16° E.			S. 15° E.		
Mean diurnal velocity of wind in miles	74·3			103·4			111·4			99·9			103·9			94·8			112·8			74·4			68·4			61·1			59·0			78·9		
Average Resultant Percentage (10 Years.)	58			49			34			37			64			82			80			79			79			32			35			52		
Average Resultant Direction (10 Years.)	N. 88° E.			S. 79° E.			S. 46° E.			S. 14° W.			S. 55° W.			S. 62° W.			S. 61° W.			S. 61° W.			S. 68° W.			S. 41° W.			S. 89° E.			N. 83° E.		
Average diurnal velocity of wind in miles (15-16 Years.)	120·3			134·5			132·3			118·8			105·5			119·0			113·2			99·6			89·6			66·7			79·6			96·4		

108.—WELLINGTON (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.
North	2	3	5	1	...	1	1	1	2	...	1	1	1	4	5	...	...	...	1	...	1	1	...	1	1	1	2	3	3	6	...	1	1	...	...	...
North-East	5	2	7	12	2	14	4	4	8	9	1	10	4	4	8	...	...	...	...	...	...	...	...	...	...	3	3	6	6	12	2	4	6	5	3	8
East	4	3	7	3	15	18	9	11	20	8	11	19	...	2	2	...	...	...	...	...	...	...	...	...	1	4	5	5	11	16	7	8	15	7	10	17
South-East	10	15	25	7	8	15	12	12	24	7	14	21	5	5	10	2	2	4	...	...	...	2	4	6	9	3	12	9	6	15	13	11	24	10	12	22
South	9	8	17	4	2	6	4	3	7	6	3	9	14	6	20	7	3	10	...	...	...	10	7	17	4	3	7	4	1	5	8	5	13	9	6	15
South-West	1	...	1	1	1	2	...	...	...	...	...	...	6	4	10	12	11	23	9	8	17	9	11	20	2	4	6	2	3	5	...	1	1	...	...	...
West	...	...	...	...	...	...	...	...	...	...	...	...	1	2	3	7	12	19	19	19	38	7	7	14	8	9	17	1	...	1	...	...	...	...	...	...
North-West	...	...	...	...	...	...	1	...	1	...	...	...	...	3	3	2	2	4	2	4	6	2	2	4	5	3	8	1	1	2	...	...	...	..	...	...
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	62			67			72			73			35			73			88			67			25			47			73			74		
Resultant Direction	S. 49° E.			S. 79° E.			S. 70° E.			S. 69° E.			S. 7° E.			S. 53° W.			S. 83° W.			S. 4° W.			S. 49° W.			S. 84° E.			S. 54° E.			S. 57° E.		
Mean diurnal velocity of wind in miles	69·1			70·3			64·7			67·4			55·3			123·3			160·1			61·7			82·6			74·3			52·0			57·3		
Average Resultant Percentage (10 Years.)	62			60			65			68			24			52			69			46			33			27			53			60		
Average Resultant Direction (10 Years.)	S. 14° E.			S. 31° E.			S. 43° E.			S. 49° E.			N. 88° E.			N. 88° W.			N. 82° W.			S. 81° W.			S. 79° W.			S. 32° E.			S. 41° E.			S. 35° E.		
Average diurnal velocity of wind in miles (5-6 Years.)	56·5			65·9			68·2			68·8			71·5			122·4			139·0			90·2			82·9			61·6			64·6			58·8		

109.—CALICUT (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	2	2	...	...	...	4	1	5	2	...	2	4	2	6	4	3	7	4	10	14	5	5	10	4	4	8	2	1	3	2	2	4	...	...	...
North-East	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	...	1	...	...	...	...	...	...	1	...	1	1	...	1	4	...	4
East	5	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	1	...	1	5	...	5	12	...	12
South-East	4	...	4	1	...	1	...	...	...	1	...	1	...	...	...	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	1	..	1	...	...	...
South	1	...	1	1	...	1	1	...	1	1	...	1	...	2	2	2	2	4	1	2	3	...	...	...	...	...	...	3	2	5	3	2	5	1	...	1
South-West	1	2	3	5	1	6	2	1	3	2	1	3	4	1	5	1	3	4	...	...	...	3	1	4	1	1	2	7	5	12	3	7	10	4	2	6
West	2	18	20	6	14	20	8	12	20	2	18	20	4	14	18	...	10	10	2	3	5	3	13	16	6	10	16	1	13	14	1	13	14	3	17	20
North-West	3	9	12	4	13	17	11	17	28	14	10	24	15	12	27	9	8	17	9	15	24	9	12	21	17	14	31	7	10	17	4	5	9	3	11	14
Calm	14	...	14	11	...	11	5	...	5	8	1	9	4	...	4	13	3	16	12	1	13	11	...	11	2	1	3	9	...	9	10	1	11	4	1	5
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	37			64			76			69			73			44			55			65			81			53			35			33		
Resultant Direction	N. 77° W.			N. 80° W.			N. 63° W.			N. 68° W.			N. 64° W.			N. 63° W.			N. 35° W.			N. 57° W.			N. 54° W.			N. 86° W.			S. 85° W.			N. 69° W.		
Mean diurnal velocity of wind in miles	?			172·4			?			229·1			210·4			311·2			157·6			125·8			176·7			138·7			117·8			108·5		
Average Resultant Percentage	...			...			...			...			...			...			...			...			...			...			...			...		
Average Resultant Direction. Years.	...			...			...			...			...			...			...			...			...			...			...			...		
Average diurnal velocity of wind in miles. Years.	...			...			...			...			...			...			...			...			...			...			...			...		

110.—COIMBATORE (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	5	...	5	...	1	1	4	...	4	3	2	5	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	1	3	4	2	2	4	5	3	8
North-East	10	7	17	14	4	18	7	7	14	5	5	10	1	...	1	1	...	1	...	...	...	...	1	1	...	...	...	8	2	10	15	7	22	15	11	26
East	12	13	25	12	14	26	7	8	15	9	8	17	...	...	...	2	...	2	...	...	...	...	...	...	2	...	2	5	8	13	8	12	20	10	17	27
South-East	4	8	12	1	6	7	6	3	9	6	5	11	3	...	3	1	...	1	...	...	...	1	...	1	1	...	1	4	2	6	1	2	3	1	...	1
South	...	2	2	1	1	2	4	8	12	5	8	13	20	15	35	8	7	15	6	3	9	21	13	34	8	7	15	10	10	20	3	4	7	...	...	...
South-West	...	1	1	...	1	1	2	4	6	2	2	4	6	12	18	13	16	29	14	16	30	8	14	22	15	19	34	3	5	8	...	2	2	...	...	...
West	...	...	...	...	...	...	1	1	2	...	...	...	...	2	2	5	7	12	11	12	23	1	3	4	4	4	8	...	1	1	1	...	1	...	...	...
North-West	...	..	...	...	1	1	...	...	...	...	...	...	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	1	1	...	...	...
Calm	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	73			76			43			52			78			77			86			85			82			42			60			85		
Resultant Direction	N. 83° E.			N. 81° E.			S. 71° E.			S. 68° E.			S. 16° W.			S. 39° W.			S. 56° W.			S. 20° W.			S. 36° W.			S. 43° E.			N. 74° E.			N. 61° E.		
Mean diurnal velocity of wind in miles	65·4			66·9			67·9			76·5			138·1			165·0			178·5			145·8			150·3			78·1			56·9			58·7		
Average Resultant Percentage	78			74			53			53			69			82			84			85			81			43			49			75		
Average Resultant Direction. 10 Years.	N. 74° E.			N. 82° E.			S. 76° E.			S. 21° E.			S. 17° W.			S. 41° W.			S. 44° W.			S. 33° W.			S. 34° W.			S. 8° E.			N. 78° E.			N. 69° E.		
Average diurnal velocity of wind in miles. 18 Years.	74·5			76·6			78·7			83·0			126·3			185·5			197·4			176·5			159·2			82·8			62·9			72·9		

TABLE IX.—DIRECTION AND MEAN MOVEMENT OF WINDS IN 1887.

111.—TRICHINOPOLY (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.
North	Not recorded.			3	...	3	...	1	1	2	1	3	...	...	...	...	...	...	...	...	...	1	1	2	...	2	2	2	5	7	5	...	5	9	6	15
North-East				12	10	22	5	1	6	6	2	8	...	...	...	...	...	...	...	...	...	...	1	1	...	1	1	6	10	16	14	18	32	16	18	34
East				5	16	21	2	11	13	3	14	17	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	1	2	3	5	7	12	1	6	7
South-East				1	2	3	5	10	15	4	7	11	...	1	1	...	...	...	...	...	...	...	...	...	...	1	1	...	1	1	...	...	...	...	1	1
South				...	...	...	3	4	7	...	2	2	...	1	1	...	2	2	...	...	...	...	1	1	...	...	...	1	...	1	...	...	...	...	...	...
South-West				1	...	1	2	2	4	5	3	8	2	9	11	3	5	8	3	2	5	1	3	4	3	6	9	1	4	5	...	1	1	...	...	...
West				2	...	2	8	2	10	6	1	7	20	13	33	18	19	37	17	23	40	14	10	24	15	10	25	6	5	11	1	2	3	1	...	1
North-West				4	...	4	6	...	6	3	...	3	9	5	14	9	3	12	11	6	17	15	15	30	12	10	22	13	4	17	5	2	7	4	...	4
Calm				...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable				...	...	...	...	...	...	...	...	...	...	1	1	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	?			68			25			27			79			85			91			83			78			45			69			80		
Resultant { Direction	?			N. 61° E.			S. 45° E.			S. 73° E.			W.			N. 89° W.			N. 81° W.			N. 67° W.			N. 76° W.			N. 25° W.			N. 39° E.			N. 34° E.
Mean diurnal velocity of wind in miles	?			141·0			121·0			129·4			227·7			258·7			307·6			167·6			198·3			56·6			101·4			148·5		
Average Resultant { Percentage	78			74			50			18			61			84			79			83			80			36			51			75		
Average Resultant { Direction. 10 Years.	N. 45° E.			N. 65° E.			S. 85° E.			S. 50° E.			S. 80° W.			N. 88° W.			S. 89° W.			N. 81° W.			N. 80° W.			N. 45° W.			N. 27° E.			N. 39° E.		
Average diurnal velocity of wind in miles. 15-17 Years.	113·3			98·7			91·9			95·8			143·1			221·4			236·4			196·0			169·6			91·0			101·3			119·8		

112.—NEGAPATAM (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.
North	2	...	2	3	1	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	5	10	3	1	4	4	1	5
North-East	25	24	49	16	15	31	1	1	2	4	3	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	4	7	16	18	34	15	22	37
East	3	5	8	4	6	10	1	1	2	2	6	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	6	7	7	5	12			
South-East	1	2	3	4	6	10	26	26	52	13	14	27	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...
South	...	...	...	...	...	...	1	2	3	3	4	7	...	...	...	...	1	1	...	1	1	...	9	9	...	5	5	...	4	4	1	2	3	...	...	...
South-West	...	...	...	1	...	1	2	1	3	5	3	8	19	26	45	25	26	51	10	19	29	22	19	41	15	14	29	9	10	19	1	...	1	...	...	...
West	...	...	...	...	...	...	...	...	...	3	...	3	12	5	17	5	2	7	18	9	27	7	3	10	14	10	24	8	2	10	2	2	4	...	...	...
North-West	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	2	5	2	...	2	1	1	2	6	6	12	5	1	6	5	3	8
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	91			76			90			59			94			95			87			88			87			45			60			79		
Resultant { Direction	N. 52° E.			N. 65° E.			S. 43° E.			S. 41° E.			S. 57° W.			S. 48° W.			S. 71° W.			S. 48° W.			S. 62° W.			N. 77° W.			N. 39° E.			N. 41° E.		
Mean diurnal velocity of wind in miles	128·5			130·2			121·4			118·7			177·5			149·5			166·8			110·4			133·8			96·0			100·5			189·6		
Average Resultant { Percentage	90			79			70			79			69			90			88			87			86			30			49			85		
Average Resultant { Direction. 10 Years.	N. 47° E.			N. 65° E.			S. 61° E.			S. 36° E.			S. 11° W.			S. 45° W.			S. 49° W.			S. 48° W.			S. 44° W.			S. 51° W.			N. 34° E.			N. 38° E.		
Average diurnal velocity of wind in miles. 16-17 Years.	129·5			85·6			87·1			123·6			177·5			199·7			171·5			136·8			123·8			89·0			124·3			163·8		

113.—MADURA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	9	7	16	10	8	18	4	2	6	6	1	7	8	6	14	1	3	4	8	3	11	10	4	14	8	4	12	11	6	17	13	7	20	14	14	28
North-East	10	5	15	9	9	18	3	1	4	5	3	8	...	2	2	...	1	1	...	...	...	...	1	1	2	1	3	4	3	7	8	5	13	10	8	18
East	2	9	11	1	2	3	2	7	9	4	7	11	...	...	...	...	1	1	...	...	...	...	...	...	...	2	2	...	3	3	1	4	5	...	2	2
South-East	3	10	13	2	8	10	4	12	16	4	11	15	...	2	2	1	...	1	...	...	...	...	5	5	...	7	7	...	8	8	2	6	8	1	1	2
South	...	...	...	1	...	1	1	1	2	1	2	3	1	4	5	...	...	...	...	2	2	1	4	5	...	1	1	1	1	2	...	1	1	...	1	1
South-West	1	...	1	...	...	...	...	1	1	1	3	4	8	4	12	20	16	36	12	17	29	3	3	6	7	8	15	1	2	3	...	...	...	1	...	1
West	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	1	1	2	...	1	1	1	...	1	...	...	...	...	...	...	...	...	...
North-West	...	...	...	1	...	1	4	...	4	5	2	7	11	7	18	2	3	5	8	6	14	12	4	16	8	4	12	8	6	14	4	4	8	5	5	10
Calm	6	...	6	4	1	5	13	7	20	4	1	5	3	6	9	5	5	10	2	2	4	5	9	14	4	3	7	6	2	8	2	3	5	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	56			57			32			33			37			56			64			29			21			36			53			73		
Resultant Direction	N. 61° E.			N. 43° E.			S. 83° E.			N. 87° E.			N. 54° W.			S. 58° W.			S. 87° W.			N. 43° W.			N. 61° W.			N. 4° E.			N. 27° E.			N. 11° E.		
Mean diurnal velocity of wind in miles	84·7			100·4			61·6			70·6			78·3			77·4			88·3			60·5			63·5			54·4			74·6			110·8		
Average Resultant Percentage	63			82			74			67			59			73			86			86			81			66			42			49		
Average Resultant Direction (10 Years.)	N. 56° E.			N. 72° E.			N. 87° E.			S. 31° E.			S. 15° W.			S. 75° W.			N. 79° W.			N. 73° W.			N. 72° W.			N. 71° W.			N. 24° W.			N. 38° E.		
Average diurnal velocity of wind in miles (18 Years.)	129·3			119·4			97·8			85·2			89·0			115·8			109·7			88·4			81·3			68·6			92·3			116·6		

114.—COCHIN (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.
North	5	...	5	5	...	5	2	2	4	3	2	5	3	1	4	4	4	8	4	2	6	2	3	5	2	3	5	3	1	4	6	1	7	7	3	10
North-East	9	...	9	3	...	3	1	...	1	...	...	...	4	2	6	2	1	3	3	2	5	...	1	1	...	2	2	5	..	5	1	2	3	9	3	12
East	4	...	4	7	...	7	...	3	3	...	1	1	2	...	2	1	3	4	2	1	3	1	...	1	...	...	...	...	2	2	2	...	2	3	1	4
South-East	6	...	6	3	...	3	1	...	1	1	3	4	4	...	4	4	...	4	...	...	...	...	...	...	...	...	...	...	1	1	7	2	9	8	2	10
South	...	...	...	1	2	3	1	2	3	1	2	3	3	1	4	1	4	5	1	2	3	...	...	...	...	...	...	1	5	6	3	9	12	...	2	2
South-West	1	6	7	1	13	14	3	2	5	3	2	5	4	5	9	5	6	11	6	1	7	3	3	6	2	1	3	5	5	10	2	4	6	1	5	6
West	...	17	17	1	7	8	3	6	9	4	10	14	1	11	12	3	7	10	4	7	11	5	4	9	2	5	7	1	8	9	...	7	7	...	8	8
North-West	6	8	14	7	6	13	20	16	36	18	10	28	10	11	21	10	5	15	11	16	27	20	20	40	24	19	43	16	9	25	9	5	14	3	7	10
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	..	...	...	...	..
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	34			28			66			61			42			33			57			80			86			48			19			20		
Resultant Direction	N. 55° W.			N. 85° W.			N. 56° W.			N. 65° W.			N. 68° W.			N. 75° W.			N. 54° W.			N. 53° W.			N. 48° W.			N. 67° W.			S. 71° W.			N. 1° E.		
Mean diurnal velocity of wind in miles	...			...			...			...			...			...			...			...			...			...			...			...		
Average Resultant Percentage	24			26			44			53			52			50			51			57			61			42			28			24		
Average Resultant Direction (10 Years.)	S. 6° E.			S. 74° W.			W.			N. 89° W.			S. 84° W.			S. 72° W.			S. 78° W.			S. 85° W.			N. 89° W.			S. 70° W.			S. 33° W.			S. 29° W.		
Average diurnal velocity of wind in miles (3 Years.)	?			?			?			?			53·2			50·8			46·8			?			?			?			?			?		

115.—COLOMBO. (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.
North	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North-East	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
East	...	...	..	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South-East	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South-West	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
West	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North-West	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	...			...			...			...			...			...			...			...			...			...			...			...		
Resultant Direction	...			...			...			...			...			...			...			...			...			...			...			...		
Mean diurnal velocity of wind in miles	245·0			228·0			170·0			197·5			294·1			267·2			260·3			260·2			272·6			208·2			165·8			234·2		
Average Resultant Percentage	55			46			51			62			75			85			85			84			87			74			45			56		
Average Resultant Direction (11 Years.)	N. 3° W.			N. 39° W.			N. 85° W.			S. 67° W.			S. 54° W.			S. 73° W.			S. 74° W.			S. 71° W.			S. 73° W.			S. 75° W.			N. 66° W.			N. 1° E		
Average diurnal velocity of wind in miles (17-18 Years.)	202·3			148·6			120·9			135·5			205·1			244·8			215·2			208·7			208·6			176·3			139·4			189·3		

116.—JAFFNA (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.
North	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North-East	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
East	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South-East	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South-West	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
West	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North-West	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	...			...			...			...			...			...			...			...			...			...			...			...		
Resultant Direction	...			...			...			...			...			...			...			...			...			...			...			...		
Mean diurnal velocity of wind in miles	61·3			69·2			197·2			185·0			447·6			406·1			378·1			366·7			323·6			199·3			84·1			85·8		
Average Resultant Percentage	82			66			38			49			83			96			93			93			94			61			36			69		
Average Resultant Direction (10 Years.)	N. 43° E.			N. 51° E.			S. 69° E.			S. 10° W.			S. 39° W.			S. 43° W.			S. 42° W.			S. 41° W.			S. 44° W.			S. 49° W.			N. 28° E.			N. 34° E.		
Average diurnal velocity of wind in miles (17 Years.)	79·4			72·9			105·0			158·0			287·1			314·3			305·2			296·1			288·3			178·3			75·5			86·4		

117.—TRINCOMALEE (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.
North	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North-East	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
East	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South-East	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South-West	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
West	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North-West	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Calm	...	...	...	...	...	...	...	...	...	...	.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	...			...			...			...			...			...			...			...			...			...			...			...		
Resultant { Direction	...			...			...			...			...			...			...			...			...			...			...			...		
Mean diurnal velocity of wind of miles	275·6			257·0			155·1			149·4			213·6			202·4			191·1			174·3			181·1			149·2			174·3			265·7		
Average Resultant { Percentage	71			74			69			55			61			89			82			67			66			32			35			66		
Average Resultant { Direction 11 Years.	N. 43° E.			N. 57 E.			S. 78° E.			S. 54° E.			S. 32° W.			S. 51° W.			S. 50° W.			S. 52° W.			S. 51° W.			S. 51° W.			N. 23° E.			N. 28° E.		
Average diurnal velocity of wind in miles. 16-18 Years.	255·8			214·4			186·3			215·2			320·5			431·8			421·5			360·9			348·6			237·2			164·1			223·1		

118.—BATTICALOA (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.
North	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North-East	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
East	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South-East	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South-West	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
West	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North-West	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	...			...			...			...			...			...			...			...			...			...			...			...		
Resultant { Direction	...			...			...			...			...			...			...			...			...			...			...			...		
Mean diurnal velocity of wind in miles	251·5			232·0			272·7			245·9			247·0			272·6			264·7			269·1			122·1			113·6			107·1			142·7		
Average Resultant { Percentage	74			69			65			61			42			19			18			30			28			27			45			60		
Average Resultant { Direction 11 Years.	N. 24° E.			N. 34° E.			N. 66° E.			N. 80° E.			S. 85° E.			S. 7° E.			S. 31° E.			S. 66° E.			S. 69° E.			N. 77° E.			N. 28° E.			N. 23° E.		
Average diurnal velocity of wind in miles. 14-17 Years.	221·0			187·7			163·2			155·3			142·1			138·3			152·4			145·5			116·6			121·9			132·9			163·3		

119.—HAMBANTOTA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.
North	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North-East	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...
East	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South-East	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South-West	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
West	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North-West	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	..	..
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	...			...			...			...			...			...			...			...			...			...			...			...		
Resultant { Direction	...			...			...			...			...			...			...			...			...			...			...			...		
Mean diurnal velocity of wind in miles	160·0			163·0			128·4			189·7			189·4			209·0			239·5			234·6			264·3			210·0			128·3			126·0		
Average Resultant { Percentage	82			73			50			41			87			95			92			94			96			80			12			57		
Average Resultant { Direction (11 Years.)	N. 52° E.			N. 61° E.			N. 77° E.			S. 33° W.			S. 44° W			S. 49° W.			S. 55 W.			S. 50° W.			S. 49° W.			S. 48° W.			S. 38° E.			N. 59° E.		
Average diurnal velocity of wind in miles (15-18 Years.)	236·8			221·5			172·3			174·6			254·6			265·9			278·7			279·9			278·7			215·8			148·3			183·7		

120.—GALLE (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.
North	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North-East	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
East	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South-East	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South-West	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
West	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North-West	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	...			...			...			...			...			...			...			...			...			...			...			...		
Resultant { Direction	...			...			...			...			...			...			...			...			...			...			...			...		
Mean diurnal velocity of wind in miles	75·6			86·0			102·2			148·3			247·8			260·9			206·2			222·5			299·4			189·7			123·8			72·0		
Average Resultant { Percentage	26			11			7			26			61			82			83			83			80			65			30			20		
Average Resultant { Direction (11 Years.)	N. 24° W.			N. 5° W.			N. 53° E.			N. 77° W.			S. 86° W.			N. 62° W.			N. 58° W.			N. 60° W.			N. 59° W.			N. 65° W.			N. 41° W.			N. 22° W.		
Average diurnal velocity of wind in miles (14-17 Years.)	61·9			61·3			70·4			93·0			187·0			232·2			203·4			207·4			211·5			179·1			92·4			75·0		

121.—KANDY (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.
North	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...
North-East	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
East	...	...	...	...	...	...	.	...	..	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...
South-East	...	...	..	...	...	..	...	...	...	...	...	...	..	...	.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South-West	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.	...	...	...	...	...	...
West	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...
North-West	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Calm	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
Resultant Percentage	...			...			...			...			...			...			...			...			...			...			...					
Resultant Direction	...			...			...			...			...			...			...			...			...			...			...					
Mean diurnal velocity of wind in miles	33·1			40·8			18·9			18·2			43·1			40·4			41·4			38·3			38·4			20·9			16·2			32·3		
Average Resultant Percentage	55			57			41			35			68			75			77			77			76			66			22			33		
Average Resultant Direction (11 Years.)	S. 84° E.			S. 69° E.			S. 53° E.			S. 43° W.			S. 58° W.			S. 67° W.			S. 67° W.			S. 61° W.			S. 63° W.			S. 61° W.			S. 45° W.			S. 86° E.		
Average diurnal velocity of wind in miles (16-18 Years.)	77·0			73·8			45·0			34·0			52·1			72·6			67·9			61·9			56·1			38·9			38·3			50·1		

122.—NEWERA ELIYA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.	9½ hours.	15½ hours.	Total.
North	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North-East	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
East	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South-East	...	...	...	...	...	...	...	.	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South-West	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
West	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North-West	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	...			...			...			...			...			...			...			...			...			...			...					
Resultant Direction	...			...			...			...			...			...			...			...			...			...			...					
Mean diurnal velocity of wind in miles	54·7			84·4			71·0			39·8			54·2			118·3			127·6			64·4			110·5			43·4			33·3			70·1		
Average Resultant Percentage	43			41			57			13			33			82			87			77			74			44			21			44		
Average Resultant Direction (9-11 Years.)	S. 63° E.			S. 58° E.			S. 56° E.			S. 48° E.			N. 74° W.			N. 57° W.			N. 57° W.			N. 60° W.			N. 60° W.			N. 60° W.			S. 66° E.			S. 63° E.		
Average diurnal velocity of wind in miles (16-18 Years.)	68·6			74·8			62·8			53·3			76·6			135·4			116·6			101·0			91·5			66·1			61·3			77·4		

TABLE IX.—DIRECTION AND MEAN MOVEMENT OF WINDS IN 1887.

123.—KENDAT (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	Not recorded.																														Imperfect.		...	27	21	48
North-East																																	...	1	3	4
East																																	...	1	2	3
South-East																																	...	...	...	...
South																																	.	...	...	...
South-West																																	...	1	1	2
West																																	...	1	1	2
North-West																																	...	...	3	3
Calm																																	..	...	...	...
Variable																																	...	...	...	...
Resultant { Percentage	...			...			...			...			...			...			...			...			...			...			...			83		
Resultant { Direction	...			...			...			...			...			...			...			...			...			...			?			N.		
Mean diurnal velocity of wind in miles	Untrustworthy.															37·7			35·7			35·8			29·4			44·6			62·4			49·8		
Average Resultant { Percentage	...			...			...			...			...			...			...			...			...			...			...			...		
Average Resultant { Direction . Years.	...			...			...			...			...			...			..			...			...			...			...			...		
Average diurnal velocity of wind in miles Years.	...			...			...			...			..			...			...			...			...			...			...			...		

124.—MANDALAY (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	2	3	5	2	2	4	...	...	...	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	2	5	6	13	19	7	9	16
North-East	3	3	6	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	2	2	1	1	2	2	...	2
East	10	6	16	3	5	8	1	1	2	.	1	1	...	...	...	1	...	1	...	...	...	.	...	...	...	...	...	2	...	2	2	1	3	...	2	2
South-East	11	9	20	2	3	5	...	1	1	...	...	...	...	...	...	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	...	1
South	3	3	6	13	14	27	13	7	20	14	4	18	16	7	23	17	9	26	24	15	39	16	6	22	12	7	19	8	2	10	...	...	...	1	...	1
South-West	1	4	5	5	4	9	5	5	10	5	4	9	4	1	5	1	1	2	2	...	2	2	1	3	1	...	1	1	1	2	...	...	...	...	...	...
West	...	2	2	1	...	1	5	6	11	2	5	7	...	...	...	...	...	...	...	...	...	1	...	1	1	...	1	...	1	1	...	...	...	...	...	...
North-West	1	1	2	...	...	...	...	1	1	...	...	...	...	...	.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	3	7	1	1	2
Calm	...	...	...	2	...	2	7	10	17	9	14	23	11	23	34	9	20	29	5	16	21	12	23	35	16	23	39	17	23	40	16	12	28	19	19	38
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	49			59			51			43			43			48			65			38			33			8			41			28		
Resultant { Direction	S. 65° E.			S. 7° E.			S. 31° W.			S. 29° W.			S. 8° W.			S. 2° E.			S. 2° W.			S. 6° W.			S. 5° W.			S. 11° E.			N.			N. 9° E.		
Mean diurnal velocity of wind in miles	...			...			...			...			...			...			...			...			...			...			...			...		
Average Resultant { Percentage	..			...			...			...			...			...			...			...			...			...			...			...		
Average Resultant { Direction . Years.	...			...			...			...			...			...			...			...			...			...			...			...		
Average diurnal velocity of wind in miles Years.	...			...			...			...			...			...			...			...			...			...			...			...		

125.—AKYAB (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	5	1	6	7	...	7	3	...	3	2	...	2	...	...	...	...	...	...	1	...	1	1	...	1	1	...	1	2	...	2	6	2	8	8	...	8
North-East	14	1	15	13	...	13	11	...	11	4	...	4	9	2	11	3	...	3	1	...	1	2	...	2	5	...	5	13	3	16	12	1	13	19	3	22
East	4	...	4	2	...	2	9	...	9	9	...	9	6	2	8	2	.	2	2	...	2	4	...	4	4	...	4	13	1	14	6	2	8	1	1	2
South-East	...	...	...	...	...	...	2	...	2	2	...	2	9	4	13	12	1	13	8	1	9	9	...	9	9	4	13	2	2	4	2	2	4	1	2	3
South	...	4	4	...	...	...	2	3	5	5	3	8	6	10	16	7	15	22	9	16	25	10	17	27	6	11	17	...	4	4	1	2	3	...	3	3
South-West	1	5	6	...	1	1	1	8	9	3	6	9	1	8	9	4	11	15	7	9	16	2	10	12	1	9	10	1	7	8	...	6	6	...	5	5
West	...	14	14	...	16	16	...	17	17	2	18	20	...	4	4	1	3	4	3	4	7	2	4	6	1	5	6	...	8	8	...	15	15	...	13	13
North-West	1	6	7	1	11	12	1	3	4	3	3	6	...	1	1	...	...	...	...	1	1	1	...	1	2	1	3	...	6	6	3	...	3	2	4	6
Calm	6	...	6	5	...	5	2	...	2	...	...	...	...	...	...	1	...	1	...	...	...	...	.	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	26			50			13			31			43			66			67			63			45			18			16			31		
Resultant Direction	N. 33° W.			N. 30° W.			N. 84° W.			S. 69° W.			S. 31° E.			S. 2° W.			S. 14° W.			S. 5° W.			S. 3° E.			N. 64° E.			N. 8° W.			N. 3° W.		
Mean diurnal velocity of wind in miles	78·3			104·2			90·7			110·5			106·0			102·2			110·6			69·8			60·0			44·7			42·0			51·0		
Average Resultant Percentage	39			45			26			40			31			58			68			62			41			12			29			39		
Average Resultant Direction 14-15 Years.	N. 23° W.			N. 27° W.			N. 58° W.			S. 75° W.			S. 33° W.			S. 2° E.			S. 4° E.			S. 1° E.			S. 9° E.			S. 35° E.			N. 6° W.			N. 15° W.		
Average diurnal velocity of wind in miles. 15-16 Years.	63·3			82·3			89·5			95·0			84·5			94·5			90·2			76·9			71·7			55·6			53·7			53·9		

126.—THAVETMYO (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	4	4	4	4	8	1	1	2	3	...	3	...	...	...	...	1	1	...	...	...	...	2	2	...	...	...	5	1	6	10	3	13	8	13	21
North-East	7	5	12	9	5	14	3	3	6	1	...	1	...	...	...	...	...	...	1	2	3	...	1	1	2	2	4	7	2	9	12	8	20	10	9	19
East	17	5	22	5	1	6	4	1	5	2	2	4	1	...	1	...	1	1	...	...	...	2	1	3	1	...	1	1	2	3	2	3	5	7	1	8
South-East	3	7	10	8	7	15	15	9	24	18	6	24	15	11	26	15	7	22	14	14	28	11	5	16	10	10	20	8	3	11	1	5	6	1	3	4
South	2	6	8	1	4	5	5	7	12	5	6	11	12	12	24	14	13	27	13	12	25	17	13	30	12	14	26	5	8	13	2	2	4	2	1	3
South-West	...	1	1	...	3	3	...	6	6	1	8	9	1	3	4	1	8	9	2	3	5	...	5	5	4	3	7	4	7	11	1	5	6	...	1	1
West	1	3	4	...	3	3	2	3	5	...	7	7	1	4	5	...	...	...	1	...	1	1	4	5	...	...	...	...	1	1	...	4	4	1	1	2
North-West	1	...	1	1	1	2	1	1	2	...	1	1	1	1	2	...	...	...	...	...	...	...	...	...	1	...	1	1	7	8	2	...	2	2	2	4
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	52			36			48			51			73			82			80			69			75			18			35			58		
Resultant Direction	S. 85° E.			N. 85° E.			S. 31° E.			S. 14° E.			S. 13° E.			S. 12° E.			S. 21° E.			S. 9° E.			S. 17° E.			S. 14° E.			N. 41° E.			N. 31° E.		
Mean diurnal velocity of wind in miles	Untrustworthy.																								119·8			97·8			88·1			90·4		
Average Resultant Percentage	28			12			22			43			56			81			82			78			72			26			37			55		
Average Resultant Direction 9-10 Years.	N. 55° E.			S. 54° E.			S. 29° E.			S. 3° E.			S. 5° E.			S. 5° E.			S. 4° E.			S. 3° E.			S. 12° E.			S. 32° E.			N. 15° E.			N. 26° E.		
Average diurnal velocity of wind in miles. 7-10 Years.	57·0			100·3			124·2			167·6			175·1			197·3			160·6			141·2			112·0			73·2			84·2			75·7		

127.—TOUNGOO (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	10	7	17	4	2	6	1	...	1	...	...	...	...	...	...	...	...	...	...	1	1	1	1	2	...	...	...	5	1	6	7	1	8	12	1	13
North-East	1	...	1	3	...	3	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	1	...	1	1	...	1	...	...	...	1	1	2
East	...	...	...	...	2	2	...	1	1	...	...	...	...	1	1	...	...	...	...	..	..	...	2	2	...	2	2	...	...	...	...	...	...	1	...	1
South-East	1	..	1	5	1	6	9	2	11	11	6	17	6	4	10	7	2	9	5	3	8	4	5	9	5	3	8	6	5	11	...	1	1	...	...	...
South	2	6	8	2	11	13	16	19	35	17	18	35	21	24	45	23	24	47	22	22	44	18	13	31	19	17	36	6	7	13	...	1	1	1	..	1
South-West	1	2	3	...	3	3	1	2	3	1	3	4	...	1	1	...	3	3	3	4	7	3	6	9	1	2	3	3	4	7	...	1	1	...	1	1
West	1	5	6	...	5	5	...	3	3	...	1	1	...	1	1	...	...	...	...	...	...	...	2	2	1	2	3	...	4	4	...	2	2	...	...	...
North-West	14	10	24	12	4	16	3	2	5	1	1	2	1	...	1	...	1	1	...	1	1	...	1	1	1	2	3	7	7	14	14	20	34	14	25	39
Calm	...	...	...	2	...	2	...	1	1	...	1	1	3	...	3	..	...	...	1	...	1	4	...	4	1		1	3	3	6	9	4	13	2	3	5
Variable	...	...	...	...	...	..	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	.....	...	...	...	...	..	...	...	...	...	...	...	...	...
Resultant Percentage	56			18			63			82			84			91			85			64			72			22			66			77		
Resultant Direction	N. 45° W.			W.			S. 2° E.			S. 8° E.			S. 6° E.			S. 4° E.			S.			S. 1° E.			S. 2° E.			S. 49° W.			N. 41° W.			N. 33° W.		
Mean diurnal velocity of wind in miles	53·3			45·0			79·2			100·4			110·5			126·4			129·8			79·9			85·4			29·5			29·4			48·1		
Average Resultant Percentage (9-10 Years.)	54			28			34			54			58			75			75			67			56			18			62			71		
Average Resultant Direction (9-10 Years.)	N. 27° W.			N. 14° W.			S. 16° E.			S. 19° E.			S. 21° E.			S. 20° E.			S. 18° E.			S. 13° E.			S. 3° E.			S. 80° W.			N. 33° W.			N. 30° W.		
Average diurnal velocity of wind in miles. 7-9 Years.	44·6			44·7			67·3			95·7			94·4			115·1			115·9			94·7			67·0			44·2			40·9			55·9		

128.—BASSEIN (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	12	11	23	10	3	13	4	3	7	2	3	5	..	1	1	1	...	1	...	...	...	...	1	1	1	...	1	1	2	3	8	4	12	10	10	20
North-East	4	1	5	2	...	2	2	..	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	6	1	7	6	4	10	13	8	21
East	1	1	2	...	...	..	...	...	...	...	...	...	3	1	4	...	...	...	...	...	...	...	...	...	2	...	2	6	4	10	10	5	15	3	2	5
South-East	...	...	...	...	...	...	...	1	1	1	...	1	4	2	6	4	2	6	2	...	2	1	1	2	...	1	1	2	5	7	1	2	3	...	...	..
South	...	...	...	...	...	...	...	...	...	1	3	4	6	7	13	12	8	20	9	8	17	5	7	12	7	6	13	2	3	5	...	1	1	...	..	...
South-West	...	...	...	...	...	...	...	...	...	1	1	2	...	4	4	5	3	8	10	12	22	5	4	9	5	5	10	...	1	1	...	...	...	...	...	...
West	2	4	6	4	4	8	9	4	13	9	5	14	3	5	8	4	8	12	4	8	12	5	6	11	4	10	14	1	4	5	2	2	4	...	...	...
North-West	11	12	23	10	21	31	15	21	36	10	13	23	4	3	7	...	...	...	2	1	3	2	2	4	1	1	2	1	1	2	2	...	2	...	2	2
Calm	...	2	2	...	...	...	1	...	1	5	1	6	8	7	15	3	8	11	3	2	5	13	10	23	9	7	16	12	10	22	1	12	13	4	9	13
Variable	1	...	1	2	...	2	...	2	2	1	4	5	3	1	4	1	1	2	1	...	1	...	..	...	...	...	...	...	...	...	...	...	...	1	...	1
Resultant Percentage	74			82			79			57			26			53			69			40			43			21			43			67		
Resultant Direction	N. 21° W.			N. 38° W.			N. 48° W.			N. 64° W.			S. 28° W.			S. 25° W.			S. 42° W.			S. 50° W.			S. 47° W.			S. 84° E.			N. 47° E.			N. 27° E.		
Mean diurnal velocity of wind in miles	64·4			88·3			97·4			97·6			98·0			81·3			105·6			52·5			54·4			37·8			55·2			53·9		
Average Resultant Percentage (10 Years.)	58			73			82			72			44			66			66			63			50			8			57			62		
Average Resultant Direction (10 Years.)	N. 3° W.			N. 49° W.			N. 57° W.			N. 66° W.			S. 82° W.			S. 15° W.			S. 26° W.			S. 34° W.			S. 25° W.			S. 22° E.			N. 56° E.			N. 31° E.		
Average diurnal velocity of wind in miles. 8-10 Years.	69·5			90·3			116·4			123·5			107·1			97·0			95·4			81·4			82·0			60·7			75·4			64·5		

129.—DIAMOND ISLAND (*2 observations daily*).

	January.			February.			March.			April.			May.			June.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	21	15	36	17	13	30	4	1	5	1	...	1	2	1	3	...	...	...
North-East	4	1	5	...	...	...	...	...	...	1	...	1	1	...	1	...	...	...
East	1	...	1	..	...	...	...	1	1	...	...	..	1	...	1	...	...	...
South-East	...	...	..	...	...	...	...	...	...	1	1	2	5	3	8	...	...	...
South	...	1	1	...	...	...	..	...	...	1	1	2	8	11	19	12	10	22
South-West	...	...	...	...	...	...	...	1	1	2	5	7	7	5	12	15	17	32
West	1	...	1	...	...	...	4	9	13	7	8	15	5	5	10	3	2	5
North-West	4	13	17	10	14	24	23	18	41	17	14	31	2	6	8	...	...	...
Calm	...	1	1	...	...	...	...	...	...	...	1	1	...	...	...	...	1	1
Variable	...	...	.	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	83			92			87			71			47			87		
Resultant Direction	N. 10° W.			N. 20° W.			N. 51° W.			N. 69° W.			S. 35° W.			S. 32° W.		
Mean diurnal velocity of wind in miles	121·7			182·5			158·3			157·4			217·3			195·2		
Average Resultant Percentage (8-10 Years.)	74			85			84			73			45			75		
Average Resultant Direction (8-10 Years.)	N. 6° E.			N. 25° W.			N. 40° W.			N. 58° W.			S. 81° W.			S. 32° W.		
Average diurnal velocity of wind in miles (8-10 Years.)	159·0			172·2			190·3			172·8			169·1			203·9		

	July.			August.			September.			October.			November.			December.		
	10hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	...	...	...	1	1	...	...	...	1	...	1	7	4	11	11	12	23
North-East	...	..	...	2	...	2	...	...	...	4	2	6	11	6	17	18	12	30
East	...	...	...	...	...	...	3	1	4	10	7	17	8	10	18	1	2	3
South-East	...	...	...	...	1	1	2	3	5	7	11	18	2	6	8	...	2	2
South	10	8	18	5	3	8	3	6	9	...	2	2	...	...	...	...	...	...
South-West	15	17	32	11	13	24	14	12	26	1	3	4	...	...	...	...	...	...
West	4	6	10	8	8	16	7	7	14	4	4	8	...	...	...	...	...	...
North-West	1	...	1	3	3	6	...	1	1	...	2	2	2	4	6	...	2	2
Calm	1	...	1	2	2	4	1	...	1	4	...	4	...	...	...	...	...	...
Variable	...	...	...	...	..	...	...	...	..	...	...	...	...	...	...	...	...	...
Resultant Percentage	84			64			66			39			64			84		
Resultant Direction	S. 40° W.			S. 62° W.			S. 40° W.			S. 63° E.			N. 56° E.			N. 29° E.		
Mean diurnal velocity of wind in miles	241·9			131·8			139·6			152·2			176·7			141·5		
Average Resultant Percentage (8-10 Years.)	80			78			56			18			63			72		
Average Resultant Direction (8-10 Years.)	S. 41° W.			S. 42° W.			S. 39° W.			S. 49° E.			N. 61° E.			N. 36° E.		
Average diurnal velocity of wind in miles (8-9 Years.)	213·8			161·1			163·8			153·9			206·0			176·5		

130.—RANGOON (*4 observations daily*).*

	January.					February.					March.					April.					May.					June.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	2	1	5	3	11	...	3	3	1	7	Imperfect.					...	2	...	...	2	1	1	1	...	3	1	...	1	1	3
North-East	8	16	5	4	33	...	7	2	...	9						...	...	...	...	...	...	2	...	...	2	...	1	...	...	1
East	2	7	1	2	12	...	3	2	...	5						...	...	...	...	...	2	...	...	...	2	...	1	...	...	1
South-East	...	...	3	1	4	...	...	4	...	4						...	1	7	...	8	1	2	1	1	5	...	2	1	...	3
South	...	...	1	1	2	1	...	8	12	21						...	2	12	6	20	3	6	9	7	25	5	5	10	4	24
South-West	1	...	2	2	5	6	3	3	11	23						13	9	2	11	35	7	5	7	8	27	15	16	12	16	59
West	8	2	7	4	21	17	8	4	2	31						9	10	2	6	27	5	3	3	4	15	9	5	3	8	25
North-West	5	3	7	5	20	4	4	2	1	11						1	...	...	...	1	...	...	...	...	...	...	...	3	...	3
Calm	5	...	...	9	14	...	...	...	1	1						...	...	...	...	...	1	...	...	1	2	...	...	...	1	1
Variable	...	...	...	...	...	...	...	...	...	...						...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	33					40					?					72					63					75				
Resultant Direction	N. 1° W.					S. 65° W.										S. 44° W.					S. 32° W.					S. 46° W.				
Mean diurnal velocity of wind in miles	84·2					89·1					?					135·2					?					?				
Average Resultant Percentage (10 Years.)	42					13					56					59					56					71				
Average Resultant Direction (10 Years.)	N. 25° E.					S. 56° W.					S. 22° W.					S. 21° W.					S. 17° W.					S. 16° W.				
Average diurnal velocity of wind in miles (10-11 Years.)	102·3					94·3					119·6					137·5					121·0					127·5				

	July.					August.					September.					October.					November.					December.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours	10 hours.	16 hours.	22 hours.	Total.
North	1	...	...	...	1	2	...	1	1	4	4	5	3	3	15	1	1	...	1	3	Untrustworthy.									
North-East	...	...	.	...	...	...	2	...	...	2	2	5	4	2	13	1	1	...	...	2										
East	...	...	...	...	...	...	1	1	...	2	4	4	3	4	15	4	10	3	...	17										
South-East	...	2	...	...	2	2	2	4	3	11	4	3	5	6	18	7	6	8	3	24										
South	5	7	12	4	28	7	8	11	9	35	2	3	5	2	12	3	3	6	4	16										
South-West	19	14	16	21	70	13	13	14	15	55	4	3	4	2	13	9	4	12	10	35										
West	4	4	2	2	12	1	...	...	1	2	1	1	...	...	2	2	2	1	3	8										
North-West	...	1	...	1	2	...	1	...	...	1	3	3	3	3	12	2	2	...	1	5										
Calm	...	1	...	...	1	3	...	...	1	4	3	...	1	5	9	2	...	...	8	10										
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...										
Resultant Percentage	85					70					16					41					?					?				
Resultant Direction	S. 39° W.					S. 22° W.					S. 86° E.					S. 1° W.														
Mean diurnal velocity of wind in miles	?					?					?					?					?					?				
Average Resultant Percentage (10 Years.)	73					68					59					27					56					61				
Average Resultant Direction (10 Years.)	S. 29° W.					S. 36° W.					S. 23° W.					S. 46° E.					N. 57° E					N. 36° E.				
Average diurnal velocity of wind in miles (10-11 Years.)	130·9					112·3					91·6					76·0					106·1					118·6				

* The directions and percentages from April to October are doubtful.

131.—MOULMEIN (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	8	5	13	3	2	5	3	2	5	5	...	5	...	1	1	1	...	1	1	...	1	1	...	1	...	1	1	5	4	9	8	11	19	12	18	30
North-East	16	1	17	17	2	19	4	...	4	4	1	5	2	2	4	...	...	...	...	...	...	2	...	2	2	...	2	11	3	14	7	4	11	9	6	15
East	3	...	3	4	1	5	5	1	6	4	1	5	1	...	1	3	...	3	2	...	2	...	...	...	3	...	3	5	3	8	7	2	9	4	2	6
South-East	2	...	2	1	...	1	5	...	5	2	...	2	5	1	6	4	...	4	4	1	5	6	1	7	7	2	9	3	1	4	4	6	10	5	2	7
South	...	...	...	...	...	...	3	1	4	4	2	6	12	7	19	11	9	20	11	16	27	11	3	14	8	8	16	2	4	6	...	...	...	...	...	...
South-West	2	3	5	2	7	9	7	10	17	4	14	18	6	16	22	6	13	19	8	10	18	7	22	29	6	14	20	1	5	6	...	...	...	...	1	1
West	...	7	7	...	9	9	3	17	20	3	8	11	4	4	8	3	6	9	4	3	7	3	5	8	3	3	6	1	4	5	1	4	5	...	...	...
North-West	...	15	15	...	6	6	1	...	1	2	2	4	1	...	1	2	2	4	1	1	2	1	...	1	1	2	3	3	7	10	2	2	4	1	2	3
Calm	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	50			29			37			34			61			63			71			69			57			22			48			67		
Resultant Direction	N. 9° W.			N. 2° W.			S. 62° W.			S. 62° W.			S. 25° W.			S. 31° W.			S. 21° W.			S. 32° W.			S. 20° W.			N. 19° E.			N. 35° E.			N. 27° E.		
Mean diurnal velocity of wind in miles	49·1			47·8			54·7			57·0			82·8			90·0			110·0			73·9			58·9			51·3			67·3			70·7		
Average Resultant Percentage (8 Years.)	46			22			43			58			44			64			67			68			49			15			46			49		
Average Resultant Direction (8 Years.)	N. 19° E.			N. 13° W.			S. 55° W.			S. 57° W.			S. 45° W.			S. 21° W.			S. 31° W.			S. 35° W.			S. 33° W.			N. 61° E.			N. 60° E.			N. 51° E.		
Average diurnal velocity of wind in miles (8-9 Years.)	58·7			58·3			71·6			76·6			75·3			81·4			91·6			75·6			66·0			40·9			58·0			61·3		

132.—MERGUI (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	3	2	5	4	3	7	1	6	7	7	7	14	2	1	3	...	1	1	...	...	...	2	...	2	3	1	4	7	5	12	9	8	17	12	11	23
North-East	4	5	9	4	1	5	...	...	...	3	2	5	1	1	2	...	...	...	...	...	...	...	...	..	1	...	1	6	7	13	11	13	24	8	7	15
East	4	2	6	3	2	5	5	2	7	2	2	4	...	1	1	...	...	...	...	...	...	1	...	1	...	...	...	5	3	8	6	6	12	4	6	10
South-East	1	..	1	1	2	3	2	3	5	2	1	3	3	...	3	1	...	1	1	...	1	...	...	...	1	...	1	3	3	6	1	...	1	1	...	1
South	...	...	...	1	1	2	3	2	5	1	...	1	7	4	11	4	1	5	2	2	4	2	2	4	2	1	3	1	2	3	1	1	2	..	...	...
South-West	...	..	...	1	1	2	2	1	3	1	...	1	8	11	19	14	16	30	16	18	34	15	15	30	12	14	26	3	3	6	...	...	...	...	...	...
West	...	2	2	2	1	3	...	...	...	...	1	1	2	7	9	3	5	8	7	7	14	3	8	11	6	4	10	...	2	2	...	...	...	...	...	...
North-West	19	20	39	12	17	29	18	17	35	14	17	31	8	6	14	8	6	14	5	4	9	8	6	14	5	10	15	6	6	12	2	2	4	6	7	13
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	67			52			43			64			49			69			79			70			64			31			72			71		
Resultant Direction	N. 23° W.			N. 29° W.			N. 38° W.			N. 21° W.			S. 66° W.			S. 67° W.			S. 63° W.			S 72° W.			S. 80° W.			N. 20° E.			N. 38° E.			N. 16° E.		
Mean diurnal velocity of wind in miles	48·0			44·4			45·6			38·2			31·8			26·1			32·0			32·1			32·8			33·7			34·0			34·9		
Average Resultant Percentage (10 Years.)	59			56			43			44			34			62			61			63			59			22			42			65		
Average Resultant Direction (10 Years.)	N. 12° W.			N. 38° W.			N. 53° W.			N. 56° W.			S. 68° W.			S. 48° W.			S. 60° E.			S. 63° W.			S. 64° W.			S. 79° W.			N. 28° E.			N. 27° E.		
Average diurnal velocity of wind in miles (10 Years.)	47·1			47·6			47·1			49·7			49·7			46·1			44·0			39·5			35·9			35·1			39·1			42·2		

TABLE IX.—DIRECTION AND MEAN MOVEMENT OF WINDS IN 1887.

133.—COCOS ISLAND (*2 observations daily*).

	JANUARY.			FEBRUAR.			MAR'H.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DE.EMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	Imperfect.			Untrustworthy.						2	...	2	2	1	3	...	...	...	...	...	...	...	1	1	...	...	...	2	5	7	9	9	18	16	16	32
North-East										1	2	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	3	7	4	6	10	9	9	18
East										...	1	1	...	..	...	...	...	...	1	1	2	...	...	...	...	...	...	4	5	9	6	6	12	2	3	5
South-East										3	...	3	2	1	3	...	...	...	...	...	...	...	...	...	2	2	4	12	11	23	9	7	16	3	2	5
South										2	...	2	8	8	16	3	5	8	4	5	9	7	6	13	9	6	15	1	2	3	1	1	2	1	...	1
South-West										4	4	8	12	10	22	24	19	43	23	22	45	16	14	30	17	16	33	1	1	2	...	...	...	...	...	...
West										4	9	13	2	6	8	1	4	5	3	2	5	4	9	13	1	5	6	1	2	3	...	1	1	...	...	...
North-West										10	9	19	4	5	9	2	1	3	...	1	1	4	1	5	1	1	2	5	1	6	1	...	1	...	...	...
Calm										4	3	7	1	...	1	...	1	1	...	...	...	...	...	...	...	...	...	1	1	2	...	...	...	...	...	...
Variable										...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	?			?			?			48			60			87			86			83			81			36			52			75		
Resultant { Direction	?			?			?			N. 74° W.			S. 49° W.			S. 46° W.			S. 42° W.			S. 47° W.			S. 35° W.			S. 78° E.			N. 67° E.			N. 28° E.		
Mean diurnal velocity of wind in miles	...			...			...			...			217·0			289·4			409·6			267·3			275·9			155·2			193·2			263·6		
Average Resultant { Percentage	...			...			...			...			...			...			...			...			...			...			...			...		
Average Resultant { Direction . Years.	...			...			...			...			...			...			...			...			...			...			...			...		
Average diurnal velocity of wind in miles . Years.	...			...			...			...			...			...			...			...			...			...			...			...		

134.—PORT BLAIR (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	15	12	27	16	10	26	7	5	12	3	1	4	1	1	2	...	...	...	...	..	...	...	...	...	...	...	...	1	...	1	4	3	7	4	2	6
North-East	11	12	23	9	13	22	12	10	22	4	...	4	...	...	..	...	1	1	...	...	...	...	...	...	...	...	...	1	1	2	7	6	13	8	11	19
East	3	4	7	1	3	4	5	7	12	1	7	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	5	10	4	6	10	9	10	19
South-East	1	2	3	..	2	2	4	7	11	7	10	17	...	2	2	1	1	2	1	...	1	...	1	1	1	1	2	8	9	17	10	9	19	9	7	16
South	...	...	...	...	...	...	...	2	2	4	3	7	5	1	6	2	2	4	2	1	3	2	2	4	2	1	3	4	4	8	5	4	9	1	1	2
South-West	...	..	...	...	...	...	1	...	1	3	1	4	9	10	19	15	14	29	20	21	41	11	15	26	16	14	30	5	6	11	...	...	...	...	...	...
West	...	...	...	...	...	...	...	...	...	5	4	9	14	16	30	12	11	23	8	9	17	14	12	26	11	13	24	5	5	10	...	1	1	...	...	...
North-West	1	1	2	2	...	2	2	...	2	3	4	7	2	1	3	...	1	1	...	...	...	4	1	5	...	1	1	2	1	3	...	1	1	...	...	..
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	..	...	...	...	...	...	..	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	79			82			61			20			76			81			90			82			85			38			52			71		
Resultant { Direction	N. 29° E.			N. 25° E.			N. 61° E.			S. 31° E.			S. 69° W.			S. 60° W.			S. 54° W.			S. 68° W.			S. 61° W.			S. 9° E.			S. 80° E.			N. 82° E.		
Mean diurnal velocity of wind in miles	121·5			115·3			76·3			54·5			133·8			125·0			171·8			126·3			144·0			126·8			108·0			186·5		
Average Resultant { Percentage	78			76			69			45			48			82			89			82			73			24			53			72		
Average Resultant { Direction . 15 Years.	N. 39° E.			N. 41° E.			N. 56° E.			N. 84° E.			S. 34° W.			S. 38° W.			S. 44° W.			S. 43° W.			S. 43° W.			S. 5° W.			N. 63° E.			N. 51° E.		
Average diurnal velocity of wind in miles . 12-13 Years.	167·2			121·4			105·7			117·0			175·4			240·5			264·9			229·7			222·7			154·1			171·5			173·9		

135.—NANCOWRY (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	...	1	...	1	1	1	1	2	...	1	1	...	...	...	...	...	...
North-East	19	19	38	16	17	33	12	13	25	2	2	4	...	...	...	1	...	1
East	10	10	20	6	5	11	5	6	11	4	7	11	...	1	1	...	...	...
South-East	1	2	3	5	4	9	11	9	20	9	6	15	2	...	2	...	...	...
South	...	...	...	1	...	1	2	1	3	7	5	12	1	2	3	...	...	...
South-West	...	...	...	...	1	1	...	1	1	8	8	16	28	28	56	29	30	59
West	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...
North-West	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	89			77			68			54			93			97		
Resultant Direction	N. 62° E.			N. 68° E.			N. 88° E.			S. 22° E.			S. 40° W.			S. 45° W.		
Mean diurnal velocity of wind in miles	212·8			158·3			93·9			35·4			156·5			145·8		
Average Resultant Percentage (10 Years.)	82			81			70			30			58			90		
Average Resultant Direction (10 Years.)	S. 87° E.			N. 80° E.			N. 86° E.			S. 56° E.			S. 43° W.			S. 43° W.		
Average diurnal velocity of wind in miles (13-15 Years.)	226·8			190·9			140·7			107·6			145·8			234·1		

	JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	...	...	...	...	...	...	...	...	1	...	1	...	1	1	...	...	...
North-East	...	...	...	...	...	...	...	...	...	4	4	8	9	7	16	2	2	4
East	...	...	...	...	...	...	...	...	...	13	14	27	10	10	20	25	24	49
South-East	...	...	...	...	...	...	...	...	...	2	1	3	1	...	1	3	4	7
South	...	1	1	...	1	1	5	4	9	3	5	8	7	7	14	1	...	1
South-West	31	30	61	31	30	61	25	26	51	8	6	14	3	5	8	...	1	1
West	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North-West	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	100			100			96			44			46			91		
Resultant Direction	S. 44° W.			S. 44° W.			S. 39° W.			S. 62° E.			S. 73° E.			S. 86° E.		
Mean diurnal velocity of wind in miles	203·3			124·6			166·9			83·3			70·4			166·8		
Average Resultant Percentage (10 Years.)	91			90			83			53			42			75		
Average Resultant Direction (10 Years.)	S. 44° W.			S. 46° W.			S. 50° W.			S. 39° W.			S. 39° E.			S. 78° E.		
Average diurnal velocity of wind in miles (13-15 Years.)	248·5			225·7			214·7			127·5			118·7			168·0		

TABLE X.—TEMPERATURE OF EVAPORATION IN 1887. (131 STATIONS).

1. BAGHDAD.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	Observatory opened in October 1887.								
February									
March									
April									
May									
June									
July									
August									
September									
October	68·9	57·5	71·5	77·6*	20·1	6·7	4·7	10·1	11·3
November	59·9	51·1†	61·6	67·1	16·0	6·3	4·6	7·6	9·5
December	50·4	44·7	51·8*	54·8*	10·1	3·8	2·2	3·8	6·7
Year	...	...	...	...	...	...	...	...	...

2. ADEN.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	69·8	67·9*	70·9†	70·5*	2·6	5·5	4·2	6·5	7·9
February	68·5	66·5	70·0	68·9	2·4	7·2	4·8	8·1	11·1
March	71·1	68·2	73·0	72·2*	4·0	6·6	5·0	7·0	10·0
April	73·5	70·1	76·0	74·4	4·3	7·4	5·9	7·5	11·3
May	75·9	71·3	78·9	77·4	6·1	8·4	8·2	9·9	11·7
June	77·4	73·2†	80·5†	78·5	5·3	9·6	10·0	9·8	12·3
July	75·5	73·3*	77·6*	75·6	2·3	9·1	7·4	8·5	12·8
August	76·3	73·3	78·2	77·5	4·2	5·9	4·6	6·9	9·0
September	78·7	75·5	81·0	79·7	4·2	6·1	5·9	6·8	8·4
October	73·6	70·3	75·2	75·3*	5·0	5·8	4·3	9·8	8·8
November	70·9	67·6	72·5	72·5	4·9	6·4	4·6	9·0	9·8
December	70·3	68·4*	71·5	70·9*	2·5	5·5	4·0	7·0	8·3
Year	73·5	70·5	75·4	74·5	4·0	7·0	5·7	8·1	10·1

* Mean of 30 days.
† „ „ 29 „

3. BUSHIRE.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	51·2	47·6	52·1	53·8	6·2	4·5	3·8	5·1	6·1
February	51·8	47·0	53·3	55·2	8·2	5·0	4·4	6·3	7·0
March	56·2	52·5	57·6	58·6*	6·1	5·8	4·5	8·1	8·3
April	65·9	62·9†	66·9	68·0	5·1	5·9	3·8	8·5	8·8
May	?	Not recorded.	74·3	77·4	?	?	?	8·9	7·5
June	?	Ditto.	79·8	80·1	?	?	?	8·5	10·7
July	?	Imperfect.	79·8	81·7	?	?	?	11·2	10·8
August	80·8	77·0	82·3	83·0	6·0	7·7	6·0	10·4	11·0
September	78·2	73·5	79·9	81·1	7·6	8·2	6·3	10·6	11·8
October	71·5	66·1	72·4	76·1	10·0	7·4	4·6	11·5	10·9
November	64·4	59·6	64·4	69·3	9·7	6·4	3·7	9·9	8·9
December	57·4	53·4	58·1	60·6	7·2	3·4	2·7	3·9	4·8
Year	?	?	68·4	70·4	?	?	?	8·6	8·9

4. AMINI DIVI.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	75·0	71·6	76·7	76·7	5·1	5·4	2·8	6·6	6·8
February	74·5	71·7	75·6	76·3	4·6	5·9	2·7	7·0	8·0
March	76·8	74·9	77·6	78·1	3·2	5·7	3·4	6·8	6·7
April	77·2	75·0	78·3	78·2	3·2	6·4	4·8	7·5	7·2
May	77·5	75·2	78·7	78·7	3·5	6·8	4·7	7·7	7·9
June	76·2	73·3	77·7	77·6	4·3	3·7	2·7	4·4	3·9
July	76·1	73·3	77·5	77·4	4·1	4·4	3·3	5·0	5·0
August	76·1	73·7	77·4	77·2	3·5	4·8	3·4	5·3	5·6
September	75·6	73·3	77·0	76·6	3·3	5·0	3·5	5·7	5·8
October	76·0	73·3	77·5	77·2	3·9	4·9	3·1	5·4	6·2
November	75·4	72·7	76·7	76·8	4·1	5·0	2·1	6·3	6·7
December	74·1	70·9	75·6	75·7	4·8	5·8	3·0	7·3	7·3
Year	75·9	73·2	77·2	77·2	4·0	5·3	3·3	6·3	6·4

* Mean of 30 days. † Mean of 23 days.

5. QUETTA.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	33·8	27·8	35·6	38·1	10·3	2·7	1·3	3·5	5·7
February	37·4	28·6	40·3	43·4	14·8	4·3	1·9	6·8	9·5
March	40·6	31·2	44·6	46·1	14·9	9·6	4·2	15·0	18·8
April	49·9	41·8	53·8	54·1	12·3	10·5	4·4	17·2	20·4
May	53·0	44·3	56·7	57·9	13·6	13·8	6·6	21·3	24·8
June	59·3	52·1	63·2	62·7	10·6	14·2	7·4	19·1	24·7
July	65·3	62·3*	66·8	66·8	4·5	13·7	5·0	18·5	23·8
August	63·6	59·4	65·8	65·6	6·2	12·3	3·9	17·0	22·8
September	52·2	41·9	56·8	57·9	16·0	11·0	4·5	17·5	22·0
October	48·4	35·5	53·9	55·9	20·4	7·1	3·6	13·1	15·9
November	39·2	27·4	43·9	46·3	18·9	7·0	3·0	12·9	15·7
December	36·4	26·8	39·9	42·5	15·7	4·6	2·1	7·6	10·6
Year	48·3	39·9	51·8	53·1	13·2	9·2	4·0	14·1	17·9

* Mean of 30 days.

6. LEH.

Month.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Minima.	Difference, Dry and Wet Bulb. Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Minima.
January	11·8	7·0†	14·3†	15·9‡	10·1†	Untrustworthy.	3·6	2·1	3·0	6·9	2·2	?
February	Not recorded.						Not recorded.					
March	Imperfect.						Imperfect.					
April	32·6	27·2	34·1	36·8	32·3		10·0	4·3	12·6	15·2	7·7	?
May	36·9	32·1	39·5	40·5	35·6		12·3	6·3	14·5	17·9	10·4	?
June	40·0	36·0	42·1	43·7	38·3		11·5	6·0	12·2	18·3	9·5	?
July	49·9	44·2	53·1	55·0§	47·3§		15·4	8·8	16·9	22·0	14·0	?*
August	49·5	45·0	52·3	53·8	47·0		10·9	5·3	12·5	16·6	9·1	?
September	39·2	33·1	41·9	44·5‖	37·2		12·3	6·4	15·1	18·5	9·2	?
October	32·8	27·1	35·1	37·1	31·8		10·0	4·5	10·9	17·4	7·3	?
November	25·4	17·2	26·7	33·1	24·5		6·5	3·0	8·2	10·9	3·8	?
December	20·1	12·9	21·7	27·3	18·4		3·8	2·7	5·3	4·8	2·6	?
Year	?	?	?	?	?		?	?	?	?	?	?

† Mean of 27 days.
‡ „ „ 26 „
§ Mean of 30 days.
‖ „ „ 28 „

7. MOOLTAN.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	Imperfect.								
February	?	Not recorded.	50·1	56·2	?	?	?	11·0	18·2
March	?	Imperfect.	59·2	63·5	?	?	?	15·8	23·5
April	66·2	60·3	66·8	71·4	11·1	17·6	8·6	22·7	27·3
May	67·3	55·8*	70·9	75·2	19·4	23·6	17·6	28·1	33·2
June	69·1	60·0†	71·8	75·6	15·6	19·7	16·2	24·9	25·7
July	?	Imperfect.	78·9	82·5	?	?	?	17·8	20·4
August	80·4	77·8	80·3	83·2	5·4	10·0	4·7	12·6	15·1
September	77·5	72·0	78·1	82·3	10·3	9·8	5·0	13·3	15·2
October	67·9	60·2	69·0	74·4	14·2	10·4	5·1	14·3	16·9
November	56·1	43·1	59·5	65·7	22·6	9·6	4·6	11·5	18·0
December	51·3	37·3	55·1	61·4	24·1	7·0	4·6	8·4	13·2
Year	?	?	?	?	?	?	?	?	?

8. DERA ISMAIL KHAN.

Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum	10 hours.	16 hours.
43·3	33·1	45·0	51·8	18·7	8·8	7·3	6·3	12·0
46·1	34·9	48·1	55·4	20·5	11·8	8·7	10·6	16·8
54·1	43·2	57·2	61·8	18·6	16·0	11·7	16·9	23·4
61·6	52·4	64·8	67·7	15·3	19·3	14·0	20·5	27·7
66·6	56·9	69·1	73·7	16·8	25·4	18·7	29·0	34·6
72·8	66·7	75·3	76·4*	9·7	18·1	14·2	17·6	24·5
79·8	74·0	81·7	83·8	9·8	13·2	9·6	11·4	18·6
78·4	72·6	80·1	82·5	9·9	12·3	9·0	10·3	17·2
70·8	63·0	73·5	75·8	12·8	15·2	10·1	13·5	23·0
62·2	52·5	64·9	69·2	16·7	15·2	9·7	15·4	23·4
50·8	37·6	54·0	60·7	23·1	11·8	7·4	11·2	19·4
45·5	33·7	47·3	55·4	21·7	9·5	6·3	7·7	14·6
61·0	51·7	63·4	67·9	16·1	14·7	10·6	14·2	21·3

† Mean of 26 days.
* Mean of 29 days.

TABLE X.—TEMPERATURE OF EVAPORATION IN 1887.

9. PESHAWAR.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minimum.	10 hours.	16 hours.
January	43·1	34·9	45·8	48·6	13·7	4·3	2·3	5·9	8·9
February	47·4	37·4	50·6	54·2	16·8	6·5	3·9	8·0	12·2
March	54·3	46·5	57·3	59·0	12·5	9·9	5·6	12·5	17·2
April	61·5	54·5	64·0	65·9	11·4	13·4	7·6	18·1	21·8
May	65·8	57·9	68·6	70·9	13·0	21·7	15·2	27·6	31·0
June	69·0	62·0	71·9	73·0	11·0	20·2	14·4	24·6	29·0
July	79·2	73·8	81·3	82·4	8·6	12·4	8·3	12·4	18·7
August	77·5	74·6	79·1	78·7	4·1	9·1	3·8	10·3	16·1
September	68·5	61·7	70·7	73·1	11·4	10·6	4·9	13·6	18·4
October	61·1	53·1	63·9	66·4	13·3	10·8	5·0	13·9	19·3
November	51·1	39·1	54·6	59·5	20·4	8·2	3·6	10·0	16·4
December	45·5	35·9	47·7	52·9	17·0	6·5	2·7	7·3	12·4
Year	60·3	52·6	63·0	65·4	12·8	11·1	6·4	13·7	18·5

10. MURREE.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minimum.	10 hours.	16 hours.
January	31·7	28·3	33·0	33·9	5·6	1·6	1·8	3·6	2·6
February	38·2	33·8	40·0	40·9	7·1	1·9	1·8	4·7	3·6
March	44·5	38·1	47·0	48·5	10·4	5·8	6·6	7·3	7·4
April	48·3	44·4	50·5	50·1*	5·7	11·6	9·7	15·8	15·5
May	52·6	48·3	54·9	54·5	6·2	18·9	16·2	22·5	23·9
June	55·4	51·3	57·2	57·7	6·4	15·0	11·5	18·7	20·2
July	64·8	60·7	66·0	67·8	7·1	3·5	2·0	4·9	6·0
August	63·5	58·9	64·6	66·9†	8·0	0·9	0·6	2·7	2·4
September	55·0	49·2	57·1	58·8	9·6	8·1	8·0	10·0	10·1
October	48·7	44·3	51·3	50·6†	6·3	8·7	8·3	12·6	11·6
November	41·0	36·5	43·2	43·2	6·7	10·2	10·0	14·3	12·6
December	36·3	32·7	37·7	38·4	5·7	6·7	6·4	10·4	8·4
Year	48·3	43·9	50·2	50·9	7·1	7·7	6·9	10·6	10·4

* Mean of 29 days.
† ,, ,, 30 ,,

11. RAWALPINDI.

Month.	Mean	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minimum.	10 hours.	16 hours.
January	43·9	38·3	45·5	48·0	9·7	3·2	0·4	3·9	7·4
February	45·2	37·1*	48·1*	50·4*	13·3	6·7	2·0	9·5	14·3
March	54·1	45·8	57·4	59·0	13·2	9·3	3·9	13·3	18·1
April	60·8	53·3	64·1	65·0	11·7	15·0	8·3	20·4	24·9
May	66·6	58·0	70·9	70·9	12·9	20·6	14·2	25·3	31·2
June	67·7	62·4†	69·9†	70·7	8·3	19·7	12·5	24·0	29·2
July	77·3	74·4	78·0	79·6	5·2	9·9	4·6	10·2	15·8
August	76·4	73·2	77·5	78·4	5·2	5·9	2·5	6·5	10·5
September	67·9	62·5‡	70·0‡	71·3‡	8·8	10·2	3·3	12·9	19·0
October	60·6	54·1	63·5	64·3	10·2	10·1	3·1	15·7	19·9
November	48·9	38·3	53·0	55·3	17·0	8·3	3·1	14·0	17·7
December	45·3	35·1	48·1	52·7	17·6	5·0	1·5	7·8	11·2
Year	59·6	52·7	62·2	63·8	11·1	10·3	5·0	13·6	18·3

12. SIALKOT.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minimum.	10 hours.	16 hours.
January	48·2	41·9	49·4	53·3	11·4	3·3	0·7	3·0	7·0
February	49·9	41·0	51·8	57·0	16·0	6·6	1·9	7·1	13·0
March	58·5	50·6	60·7	64·3	13·7	10·5	4·7	12·9	18·4
April	68·6	59·3	71·8	74·6	15·3	13·2	7·9	16·7	21·8
May	73·7	63·9	77·6	79·5	15·6	19·1	14·8	23·0	27·4
June	74·5	68·0	76·7	78·9	10·9	17·3	11·6	19·7	25·0
July	80·0	76·6	80·9	82·6	6·0	8·2	3·8	8·8	13·3
August	78·3	75·2	78·8	80·9	5·7	4·4	0·8	4·6	8·5
September	72·8	67·5	73·7	77·3	9·8	8·8	2·2	10·7	16·1
October	64·7	58·7	66·4	69·1	10·4	11·5	3·6	14·4	20·9
November	55·7	45·3	58·0	63·7	18·4	6·5	1·6	9·9	13·7
December	49·6	40·5	51·5	56·7	16·2	5·1	1·4	6·7	10·7
Year	64·5	57·4	66·4	69·8	12·5	9·5	4·6	11·5	16·3

* Mean of 26 days.
† ,, ,, 29 ,,
‡ Mean of 28 days.

13. LAHORE.

Month.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Minima.	Difference, Dry and Wet Bulb. Mean	4 hours.	10 hours.	16 hours.	22 hours.	Minima.
January	46·7	41·7	48·7	51·7	44·9	39·7	5·1	1·9	5·6	10·5	2·3	1·0
February	48·6	40·9	51·5	55·1	46·8	39·1	10·3	4·1	12·3	18·2	6·6	2·9
March	56·6	50·2	59·4	62·0	54·7	48·4	14·3	6·9	16·5	23·3	10·5	5·8
April	63·8	57·8	66·9	68·5	61·8	56·6	19·5	11·1	23·6	28·3	15·0	9·3
May	66·8	61·5	70·2	70·5	65·1	60·0	26·3	16·4	30·3	36·8	21·6	14·7
June	72·8	70·1	74·3	74·9	71·9	68·3	18·8	11·5	21·1	26·6	15·8	10·7
July	80·0	78·1	80·5	81·7	79·7	76·4	10·2	6·0	11·1	15·0	8·7	5·5
August	79·2	77·4	79·7	80·6	79·2	76·0	5·0	1·6	6·0	9·2	3·2	1·3
September	72·7	69·1	74·4	75·8	71·6	67·3	10·0	3·2	13·0	18·0	5·7	2·3
October	63·7	58·1	67·0	68·4	61·1	56·9	13·1	5·2	17·8	21·7	7·8	3·3
November	52·8	45·0	57·0	59·5	49·6	43·1	10·6	3·3	15·1	19·4	4·7	1·6
December	49·0	42·2	52·5	55·4	46·0	40·0	7·4	2·3	9·5	14·3	3·5	0·8
Year	62·7	57·7	65·2	67·0	61·0	56·0	12·6	6·1	15·2	20·1	8·8	4·9

14. LUDHIANA.

Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
49·5	43·7	50·8	54·1	10·4	3·5	1·2	4·4	7·0
49·4	41·8	51·8	54·5	12·7	9·2	3·1	11·6	17·7
58·0	52·3	59·9	61·8	9·5	13·5	5·3	17·0	23·6
64·0	58·9	65·9	67·2	8·3	18·0	9·0	24·1	28·9
68·7	64·1	70·6	71·5	7·4	23·4	14·0	28·4	34·6
73·1	70·3	74·1	75·0	4·7	17·7	10·3	20·2	25·9
78·4	76·4	79·0	79·9	3·5	8·0	4·0	9·7	12·5
78·9	76·7	79·6	80·3	3·6	3·2	0·5	5·0	6·6
73·1	69·4	74·4	75·5	6·1	7·4	2·0	9·8	14·0
65·0	59·1	67·3	68·7	9·6	9·4	3·3	14·4	17·6
54·3	46·3	57·2	59·3	13·0	8·3	2·5	13·3	17·1
50·5	42·0	53·4	56·0	14·0	6·2	2·8	8·1	12·5
63·6	58·4	65·3	67·0	8·6	10·7	4·8	13·8	18·2

15. CHAMBA.

Month.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Minima.	Difference, Dry and Wet Bulb. Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Minima.
January	42·0	39·4	42·1	45·2	41·4	38·2	4·0	2·3	4·0	6·2	3·3	2·1
February	44·8	40·7	44·9	49·6	44·1	39·8	7·5	4·7	7·1	11·6	6·4	3·9
March	50·0	46·2	51·7	53·6	48·7	45·7	11·3	7·6	11·3	16·5	9·4	6·1
April	55·6	50·6*	58·2	59·6	53·8	50·5	14·3	9·4	13·8	21·6	12·6	7·4
May	59·9	54·9	62·2	64·1	58·2	55·5	22·3	15·3	22·8	30·7	20·4	13·0
June	62·8	59·3*	64·6	65·8	61·6	59·2	17·3	11·5	19·3	23·6	14·6	10·0
July	72·5	70·7	73·1	74·1	72·2	70·0†	5·9	2·8	7·1	8·7	4·7	2·6
August	71·6	69·5	72·2	73·8	70·9	68·7	3·9	1·7	4·4	6·2	3·2	1·4
September	64·8	60·3	65·3	70·2*	63·3	59·3	7·7	4·0	8·6	12·0	6·1	3·5
October	56·6	52·3	57·9	61·2	54·8	51·8	10·2	5·8	11·1	15·6	8·4	4·2
November	47·1	42·0	48·0	52·8	45·5	41·5	10·0	6·8	10·7	13·4	9·1	5·2
December	42·9	38·7	43·7	47·6	41·6†	38·3	8·0	6·0	7·5	10·8	7·6	4·3
Year	55·9	52·1	57·0	59·8	54·7	51·5	10·2	6·5	10·6	14·7	8·8	5·3

16. KAILANG.

Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
?	Not recorded.	18·9	20·2	?	?	?	2·8	2·5
?		23·4	25·1	?	?	?	3·5	4·6
?		30·0	31·9	?	?	?	3·7	5·0
36·6	30·0‡	39·0	40·7*	10·7	6·3	3·8	8·7	11·2
41·1	34·0	44·6	44·6	10·6	8·9	5·4	13·3	15·9
44·3	38·4	47·7	46·8	8·4	6·7	3·0	11·0	13·8
54·9	49·8	58·0	56·8	7·0	7·0	3·2	9·7	14·0
53·1	47·7	55·9	55·6	7·9	5·3	2·4	7·5	11·0
43·5	36·6	46·8	47·0	10·4	7·8	3·8	11·7	15·1
36·8	29·1	40·9	40·4	11·3	7·0	3·6	11·0	14·5
31·1	22·0	33·9	37·3	15·3	5·3	3·0	7·9	10·4
25·5	17·4	28·4	30·7	13·3	3·0	2·5	4·6	6·3
?	?	39·0	39·8	?	?	?	8·0	10·4

† Mean of 30 days. * Mean of 29 days. ‡ Mean of 24 days.

TABLE X.—TEMPERATURE OF EVAPORATION IN 1887.

17. SIMLA.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	32·9	28·7	33·5	36·6	7·9	3·0	3·3	3·7	3·1
February	36·5	32·0	37·0	40·6	8·6	7·1	5·6	8·0	9·0
March	42·0	38·1	42·3*	45·7†	7·6	9·5	7·7	10·9	11·5
April	48·8	44·9	49·4‖	52·1§	7·2	11·9	10·0	12·1	14·4
May	Imperfect.								
June	57·1	52·9‖	58·0‖	60·3‖	7·4	8·6	6·5	8·8	11·7
July	62·0	59·2	62·7	64·0	4·8	1·4	1·3	1·9	2·3
August	61·2	58·4	61·8	63·4	5·0	1·0	1·1	1·4	1·5
September	55·2	50·4	56·5	58·8	8·4	5·7	5·3	6·2	7·3
October	48·4	43·7	48·8	52·7	9·0	7·4	5·7	9·2	9·4
November	41·6	36·3	42·3	46·3	10·0	9·4	8·3	11·1	11·0
December	36·6	32·2	36·6	41·0	8·8	7·8	6·4	10·1	9·2
Year	?	?	?	?	?	?	?	?	?

* Mean of 29 days. † Mean of 28 days.
§ „ „ 21 „ ‖ „ „ 20 „

18. DELHI.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	50·9	45·1	52·1	55·5	10·4	6·1	3·4	6·2	10·0
February	50·3	40·7	53·3	57·0	16·3	13·5	10·9	14·4	18·9
March	59·6	51·3	62·3	65·3	14·0	15·4	10·5	18·5	22·8
April	65·0	58·1	67·2	69·8	11·7	21·0	15·2	26·3	28·9
May	71·3	66·2	73·3	74·4	8·2	23·0	15·8	27·6	32·2
June	74·2	69·8	76·2	76·5	6·7	16·2	9·3	20·7	25·1
July	78·2	73·1	79·6	81·8	8·7	5·3	4·9	6·5	7·2
August	77·6	73·4	79·4	80·0	6·6	3·6	4·0	4·1	5·0
September	74·7	69·7	75·6	78·8	9·1	6·9	5·1	8·2	9·6
October	66·9	61·7	68·8	70·3	8·6	10·6	4·8	14·0	18·2
November	57·1	51·0	58·5	61·7	10·7	10·6	4·0	14·3	18·7
December	53·6	47·2	55·0	58·6	11·4	8·2	2·7	10·3	15·0
Year	65·0	58·9	66·8	69·1	10·2	11·7	7·6	14·3	17·6

19. SIRSA.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	48·0	40·8	50·0	53·2	12·4	6·9	2·8	6·7	12·9
February	50·2	38·7	53·1	58·7	20·0	10·7	5·9	12·2	18·5
March	59·5	47·6	63·2	67·8	20·2	13·9	9·2	16·7	22·1
April	67·6	57·4	71·4	74·1	16·7	17·0	11·9	21·7	25·7
May	71·1	62·3	74·0	77·1	14·8	23·3	17·0	27·6	32·3
June	74·6	70·2	76·2	77·3	7·1	18·5	12·1	19·1	26·5
July	78·8	76·4	79·5	80·6	4·2	9·1	4·5	10·3	14·2
August	79·0	76·5	79·8	80·7	4·2	5·1	1·4	6·1	9·6
September	73·4	68·9	75·2	76·2	7·3	10·1	3·4	12·1	18·5
October	65·3	57·3	68·7	70·0	12·7	12·1	4·5	16·6	23·0
November	54·6	43·1	58·5	62·1	19·0	10·3	3·8	14·2	20·8
December	50·7	40·1	53·7	58·4	18·3	7·9	3·2	9·5	15·5
Year	64·4	56·6	66·9	69·7	13·1	12·1	6·6	14·4	20·0

20. CHAKRATA.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	33·6	29·9	35·3	35·7	5·8	4·0	2·7	4·6	3·9
February	37·3	32·1	39·2	40·4	8·3	8·3	5·5	9·7	8·8
March	42·3	37·7	44·1	45·1	7·4	10·5	7·1	12·3	13·0
April	48·4	44·4	50·3	50·6	6·2	12·6	8·3	14·2	16·5
May	53·7	49·7	55·0	56·3	6·6	15·1	10·9	16·1	19·1
June	56·6	52·4	57·9	59·6	7·2	8·8	6·0	9·4	10·3
July	62·4	59·7	63·4	64·1	4·4	1·7	0·8	2·1	1·8
August	61·8	59·1	63·2	63·2	4·1	1·6	0·6	1·7	1·3
September	58·8	54·6	60·3	61·5	6·9	4·1	2·1	5·1	3·9
October	50·8	45·6	53·5	53·3	7·7	6·5	4·9	7·9	7·6
November	42·1	38·1*	45·3*	42·9*	4·8	9·8	6·7	11·2	12·1
December	37·8	33·2	40·0	40·2	7·0	7·9	5·3	9·6	8·2
Year	48·8	44·7	50·6	51·1	6·4	7·6	5·1	8·6	8·9

* Mean of 29 days.

21. MUSSOOREE (TRIGL. S. O.)

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.
January	33·8	30·3	35·5*	35·7*	5·4	3·9	3·5	4·8	2·7
February	37·5	32·4	39·5	40·5	8·1	7·9	6·7	8·9	7·3
March	43·2	38·1	45·5	45·9	7·8	10·1	8·8	11·5	11·1
April	48·5	43·5	51·1	50·8	7·3	13·3	11·0	14·5	15·5
May	55·3	49·6*	57·9	58·3*	8·7	14·7	12·0	15·2	17·6
June	57·9	52·4	60·5	60·7	8·3	8·0	6·2	7·9	9·4
July	62·3	58·9	63·6	64·5	5·6	1·4	1·1	1·5	1·2
August	61·6	58·3	63·3	63·1	4·8	1·2	0·6	0·8	1·0
September	58·0	52·8	60·5	60·8	8·0	3·7	3·4	3·9	2·8
October	50·5	44·8	53·4	53·3	8·5	5·2	5·2	6·3	4·6
November	43·4	37·8	46·3	46·2	8·4	6·6	6·9	8·3	4·9
December	37·3	32·7	39·8	39·5	6·8	6·5	6·3	7·6	5·3
Year	49·1	44·3	51·4	51·6	7·3	6·9	6·0	7·6	7·0

* Mean of 30 days.

22. DEHRA.

MONTH.	Mean.	Minimum.	9½ hours.	15½ hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	9½ hours.	15½ hours.
January	?	Not recorded.	48·3	52·1	?	?	Shade minimum not recorded.	3·1	7·5
February	?		49·1†	54·7‡	?	?		7·6	14·8
March	?		55·6	58·8	?	?		12·1	19·2
April	?		61·6	63·2	?	?		18·3	24·3
May	?		67·8	69·0	?	?		21·2	28·2
June	?		71·9	73·0	?	?		11·6	16·1
July	?		75·2	76·7	?	?		3·6	4·7
August	?		74·5	75·6	?	?		3·0	2·9
September	?		71·4	73·5	?	?		5·2	7·9
October	?		63·1	65·6*	?	?		7·8	12·1
November	?		55·0	59·6	?	?		6·9	12·4
December	?		48·9	53·8	?	?		6·3	12·0
Year	?		61·9	64·6	?	?		8·9	13·5

† Mean of 27 days.
‡ Mean of 26 days.

23. ROORKEE.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.
January	49·7	44·4	51·0	53·6	9·2	5·0	1·2	4·8	9·0
February	50·5	43·4	52·5	55·6	12·2	9·1	2·0	9·5	17·6
March	57·5	51·5	60·0	61·0	9·5	14·2	4·6	17·1	23·7
April	62·8	57·3	65·7	65·3	8·0	19·8	8·2	22·3	29·9
May	69·6	65·9	71·4	71·4	5·5	23·0	13·1	25·3	33·1
June	73·7	71·2	75·3	74·6	3·4	16·5	8·2	16·9	25·1
July	77·4	75·8	77·7	78·7	2·9	5·8	2·3	6·0	9·5
August	77·3	75·1	78·1	78·7	3·6	4·0	1·7	4·9	6·0
September	73·9	70·3	75·7	75·7	5·4	5·9	1·5	6·4	10·7
October	65·3	59·8	68·0	68·2	8·4	8·7	1·9	11·2	15·9
November	55·9	47·3	59·1	61·2	13·9	8·2	1·8	11·1	15·6
December	50·7	42·1	53·5	56·4	14·3	7·3	1·5	8·7	13·5
Year	63·7	58·7	65·7	66·7	8·0	10·6	4·0	12·0	17·5

24. RANIKHET.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.
January	38·2	33·3	40·0	41·2	7·9	3·3	2·6	3·9	4·5
February	42·6	36·4	44·4	47·0	10·6	8·0	5·2	8·5	9·1
March	48·0	42·0	50·4	51·5	9·5	8·7	6·7	9·3	10·8
April	53·6	47·4	56·4	57·1	9·7	10·9	8·8	11·5	11·8
May	57·5	53·2	59·2	60·2	7·0	15·1	10·6	16·8	17·8
June	60·7	57·0	62·2	62·9	5·9	8·8	4·3	10·9	11·8
July	64·3	61·8	63·9	67·1	5·3	3·4	1·0	5·1	4·1
August	64·1	61·3	65·1	66·0	4·7	1·9	0·3	2·7	2·4
September	61·3	57·0	63·1	63·8	6·8	3·8	2·0	4·5	4·8
October	53·2	48·3	55·4	56·0	7·7	6·5	4·5	8·4	9·0
November	47·2	41·6	49·5	50·4	8·8	8·1	5·7	9·2	9·4
December	42·2	36·6	44·3	45·7	9·1	7·5	5·0	8·2	9·9
Year	52·7	48·0	54·5	55·7	7·8	7·2	4·7	8·3	8·8

TABLE X.—TEMPERATURE OF EVAPORATION IN 1887.

25. PITHORAGARH.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	40·4	35·9	42·5	42·8	6·9	3·7	2·2	3·7	6·0
February	44·5	38·9	46·7	47·9	9·0	9·3	4·5	9·2	13·1
March	49·5	44·2	52·0	52·2	8·0	10·2	5·6	10·3	15·3
April	54·5	49·2	57·0	57·4	8·2	11·8	7·1	11·9	15·7
May	61·1	56·4	63·1	63·7	7·3	12·5	7·3	12·9	17·5
June	64·1	59·8	66·3	66·1	6·3	6·9	3·1	7·7	10·7
July	68·1	64·8	69·0	70·6	5·8	3·6	1·2	3·6	6·0
August	67·1	64·1	68·3	68·9	4·8	2·7	0·9	2·9	4·1
September	64·9	60·6	66·4	67·6	7·0	4·3	1·6	4·1	7·4
October	56·9	52·0	59·2	59·6	7·6	6·2	2·8	6·7	11·6
November	50·1	44·6	52·4	53·4	8·8	7·8	3·4	7·2	12·8
December	44·9	39·0	47·7	47·9	8·9	7·2	3·6	6·7	12·1
Year	55·5	50·8	57·6	58·2	7·4	7·2	3·6	7·2	11·0

26. MEERUT.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	50·2	45·5	51·1	54·1	8·6	5·8	1·3	5·8	9·7
February	50·2	43·8	52·0	54·9	11·1	12·0	3·1	13·0	19·8
March	58·3	52·6	60·7	61·5	8·9	16·6	5·2	18·2	24·4
April	63·7	59·0	65·9	66·2	7·2	19·2	8·7	21·0	29·6
May	71·2	67·6	72·7	73·2	5·6	21·1	11·1	24·5	29·4
June	75·0	72·6	76·9	75·6	3·0	15·8	7·7	17·1	22·5
July	78·9	77·1	79·6	80·1	3·0	5·3	0·8	6·0	7·4
August	78·0	76·1	79·0	79·0	2·9	3·5	0·9	4·3	4·6
September	74·1	70·8	75·2	76·3	5·5	6·9	2·0	8·6	10·9
October	65·7	59·6	68·1	69·5	9·9	9·4	2·7	12·8	15·8
November	54·9	46·5	57·2	60·9	14·4	9·4	2·8	12·3	14·9
December	51·3	43·9	53·2	56·8	12·9	7·6	1·6	8·7	12·6
Year	64·3	59·6	66·0	67·3	7·8	11·1	4·0	12·7	16·8

27. BAREILLY.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	52·0	47·0	52·5	56·6	9·6	5·2	1·3	4·9	9·2
February	54·4	46·0	55·8	61·3	15·3	7·9	2·0	8·0	14·8
March	64·0	56·8	65·7	69·4	12·6	9·6	1·8	12·4	17·5
April	70·5	62·7	72·3	76·5	13·8	13·2	4·8	16·3	21·3
May	80·8	75·2	82·1	85·0	9·8	11·8	4·3	14·5	19·1
June	78·9	75·1	79·6	82·0	6·9	9·7	3·2	11·8	15·8
July	79·0	76·7	79·7	80·7	4·0	4·9	1·7	5·6	8·3
August	78·2	75·8	78·8	79·9	4·1	3·1	1·7	3·9	5·0
September	75·9	72·4	76·8	78·4	6·0	4·9	1·5	5·9	8·9
October	66·5	59·4	69·3	70·9	11·5	7·6	1·9	10·3	15·3
November	57·0	46·3	60·8	63·9	17·6	?	D. min. untrustworthy.	8·9	16·2
December	54·0	45·2	56·4	60·4	15·2	5·6	1·0	6·6	12·8
Year	67·6	61·6	69·2	72·1	10·5	?	?	9·1	13·7

28. AGRA.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	53·3	46·7	55·1	58·2	11·5	7·8	3·3	6·9	11·4
February	52·7	43·6	54·8	59·8	16·2	14·1	6·6	14·1	20·7
March	59·3	52·3	61·9	63·8	11·5	19·9	10·5	19·4	28·0
April	65·2	57·4*	67·9	70·2	12·8	24·9	15·9	25·4	31·7
May	71·7	67·9	73·2	74·0	6·1	27·4	17·1	27·8	35·7
June	76·7	74·0	77·9	78·1	4·1	19·3	11·8	20·1	26·6
July	79·1	76·5	80·0	80·9	4·4	6·2	2·7	6·0	8·1
August	78·8	76·2	79·7	80·4	4·2	3·6	1·5	3·4	4·3
September	75·7	71·9	77·1	78·1	6·2	7·6	2·8	7·7	10·4
October	68·0	61·6	69·9	72·6	11·0	11·6	4·3	13·7	17·5
November	57·6	49·9	59·9	63·1	13·2	12·7	4·4	14·1	19·4
December	54·9	46·9	56·7	61·1	14·2	9·6	3·4	9·7	15·6
Year	66·1	60·4	67·8	70·0	9·6	13·7	7·0	14·0	19·1

* Mean of 22 days.

29. LUCKNOW.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	52·8	45·9	54·8	57·7	11·8	7·9	2·3	7·6	11·6
February	51·9	43·5	54·7	57·4	13·9	13·7	4·8	15·1	21·2
March	60·2	53·1	62·7	64·7	11·6	16·9	6·5	20·0	25·2
April	67·6	60·0	70·0	72·7	12·7	19·0	9·5	22·2	27·3
May	73·1	68·7	74·5	76·2	7·5	20·8	11·6	22·5	28·2
June	77·7	74·3	78·9	80·0	5·7	12·8	6·0	13·1	18·7
July	78·9	76·3	79·8	80·7	4·4	5·4	2·4	5·8	7·8
August	78·2	75·7	78·9	79·9	4·2	3·4	1·5	3·7	5·2
September	76·4	73·5	77·7	78·0	4·5	6·8	2·1	7·9	10·3
October	67·6	62·3	70·5	69·9	7·6	9·0	2·1	11·9	16·0
November	57·7	50·0	60·9	62·2	12·2	9·8	2·7	13·1	16·3
December	53·3	44·1	57·1	58·7	14·6	8·3	1·6	10·0	14·3
Year	66·3	60·6	68·4	69·8	9·2	11·2	4·4	12·7	16·8

30. GORAKHPUR.

Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
53·5	47·7	55·6	57·3	9·6	4·7	1·4	5·9	9·0
54·6	47·3	57·1	59·3	12·0	8·7	2·4	11·0	15·1
62·3	56·9	64·3	65·7	8·8	13·7	4·1	16·2	21·7
68·4	63·1	70·4	71·7	8·6	14·7	6·7	16·2	23·0
74·9	71·7	76·5	76·6	4·9	13·9	7·0	14·1	21·1
78·2	75·3	78·9	80·3	5·0	7·4	2·9	8·1	11·3
79·2	77·3	80·1	80·2	2·9	5·6	2·6	7·0	8·4
78·6	76·5	79·5	79·8	3·3	4·1	2·0	4·7	5·4
77·0	74·8	78·4	77·8	3·1	6·6	2·4	7·4	9·3
70·4	67·0	72·2	72·1	5·1	7·5	2·5	9·4	11·5
62·1	56·3	64·8	65·1	8·8	6·7	2·1	9·9	12·1
55·6	48·0	58·7	60·2	12·2	6·4	1·7	8·4	10·6
67·9	63·5	69·7	70·5	7·0	8·3	3·2	9·9	13·2

31. JHANSI.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	53·5	47·6	54·5	58·5	10·9	8·9	3·6	9·1	13·2
February	53·5	46·4	54·4	59·6*	13·2	14·8	7·2	16·6	21·6
March	59·5	52·0	61·7	64·8	12·8	20·3	12·1	22·7	26·9
April	65·4	60·7	66·7	68·9	8·2	24·5	14·6	28·9	31·8
May	71·9	67·4	73·8	74·5	7·1	26·1	18·7	27·7	32·8
June	75·3	74·0	76·9	75·1	1·1	19·1	12·3	18·5	24·2
July	77·6	75·3	78·4	79·2	3·9	3·5	2·0	3·8	4·9
August	76·9	74·7	77·6	78·4	3·7	2·5	1·1	2·8	3·7
September	74·8	71·7	76·5	76·2	4·5	5·9	2·8	6·7	9·3
October	67·5	63·5	69·6	69·3	5·8	11·7	4·6	14·9	17·2
November	58·7	52·2	61·6	62·2	10·0	12·3	4·7	14·7	16·8
December	55·4	48·8	58·0	59·5	10·7	10·7	3·0	13·8	16·1
Year	65·8	61·2	67·5	68·9	7·7	13·4	7·2	15·0	18·2

32. ALLAHABAD.

Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Minima.	Difference, Dry and Wet Bulb. Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Minima.
54·7	49·7	56·5	58·6	53·8	48·3	4·6	1·2	6·0	11·5	2·6	0·8
53·0	46·6	55·0	57·8	52·4	45·2	11·2	4·2	13·8	21·6	7·9	3·1
60·8	55·4	63·6	64·4	59·6	54·5	16·2	7·1	18·9	28·0	13·3	6·0
66·2	61·4	68·9	69·1	65·5	60·4	19·9	10·2	23·9	31·9	16·2	9·8
72·4	69·7	74·3	74·0	71·7	68·5	20·9	12·5	23·2	30·9	18·0	12·1
78·4	77·5	79·6	78·6	77·8	76·0	14·0	7·0	15·2	22·5	12·4	7·2
79·4	77·7	80·1	80·8	78·8	76·6	4·3	2·0	5·4	7·6	3·0	1·7
79·1	77·7	79·9	80·2	78·5	76·7	2·9	1·2	4·4	5·3	1·7	1·1
76·9	75·1	78·6	77·7	76·0	74·3	5·8	2·1	7·6	11·0	4·1	2·0
69·0	65·2	71·4	71·1	68·1	64·5	8·1	2·4	11·4	16·5	4·5	2·1
59·9	54·4	63·5	63·4	58·4	53·2	7·9	1·9	11·0	17·7	4·3	1·8
54·8	47·9	58·1	59·6	53·4	46·2	6·9	1·2	9·9	16·5	3·6	1·1
67·1	63·2	69·1	69·6	66·2	62·0	10·1	4·4	12·6	18·4	7·6	4·1

* Mean of 27 days.

TABLE X.—TEMPERATURE OF EVAPORATION IN 1887.

33. BENARES.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Mini-ma.	10 hours.	16 hours.
January	54·2	48·2	56·0	58·5	10·3	6·3	1·3	6·7	11·4
February	52·6	45·6	54·6	57·7	12·1	12·7	3·5	15·3	22·0
March	60·1	54·2	62·6	63·6	9·4	17·0	6·5	19·8	28·4
April	65·7	60·7	68·3	68·0	7·3	19·8	9·0	23·0	32·4
May	71·9	69·4	73·1	73·1*	3·7	19·6	10·9	21·7	29·2
June	77·9	76·1	78·8	78·9	2·8	11·9	5·7	12·2	18·9
July	78·7	76·9	79·3	79·9	3·0	5·0	2·3	5·6	8·2
August	78·6	76·3	79·5	79·9	3·6	3·9	1·7	4·1	5·9
September	76·5	74·2	78·1	77·1	2·9	6·2	2·4	7·4	10·8
October	69·4	65·5	71·0	71·6	6·1	7·8	2·3	10·0	14·7
November	59·8	53·4	62·0	64·0	10·6	8·5	2·0	11·4	15·9
December	54·5	46·3	57·1	60·0	13·7	7·0	1·6	9·4	14·3
Year	66·7	62·2	68·4	69·4	7·1	10·5	4·1	12·2	17·7

34. GHAZIPUR.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Mini-ma.	10 hours.	16 hours.
January	54·9	49·4	57·4	57·8	8·4	4·8	2·1	6·7	10·0
February	54·1	47·2	57·3	57·8	10·6	10·3	4·7	12·7	19·0
March	61·8	55·5	65·1	64·8	9·3	14·3	7·2	18·2	24·7
April	67·8	61·3	71·0	71·2	9·9	15·9	8·2	20·7	26·6
May	74·0	69·3	76·3	76·5	7·2	15·2	9·7	18·5	22·9
June	78·8	75·7	80·1	80·7	5·0	7·8	4·3	8·7	12·5
July	79·2	76·5	80·7	80·4	3·9	4·5	3·2	6·0	7·3
August	78·9	76·1	80·3	80·4	4·3	3·8	2·6	5·3	6·2
September	76·8	73·5	79·1	77·9	4·4	5·3	3·3	7·8	9·5
October	69·6	65·6	72·6	70·6	5·0	7·4	4·1	10·5	13·7
November	60·5	53·7†	64·5	63·3	9·6	7·9	4·8	11·5	14·9
December	55·8	47·7‡	60·2	59·5	11·8	5·8	3·0	9·4	12·9
Year	67·7	62·6	70·4	70·1	7·5	8·6	4·8	11·3	15·0

* Mean of 30 days. † Mean of 29 days. ‡ Mean of 28 days.

5. KATMANDU.

Month.	Mean.	Mini-mum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Mini-ma.	10 hours.	15 hours.
January	42·8	34·3	46·2	48·0	13·7	2·6	1·5	5·1	6·9
February	45·6	34·5	49·2	53·1	18·6	4·3	1·5	8·4	10·6
March	51·9	41·9	55·3	58·6	16·7	6·1	1·4	12·2	14·1
April	58·2	49·4	61·6	63·6	14·2	5·2	1·2	11·3	12·5
May	64·3	59·5	66·7	66·8	7·3	5·5	1·3	11·2	11·9
June	68·4	63·4	71·1	70·6	7·2	3·1	1·0	7·8	8·0
July	70·1	66·3	72·0	72·1	5·8	3·4	1·1	8·4	7·5
August	69·1	65·3	70·7	71·2	5·9	3·4	1·0	7·7	7·4
September	68·2	64·2	70·2	70·1	5·9	2·9	1·0	9·0	6·9
October	60·7	54·0	62·5	65·5	11·5	4·5	1·9	9·6	8·9
November	53·6	43·3	55·3	62·1	18·8	4·0	1·0	7·4	8·8
December	44·5	32·3*	47·6	53·6	21·3	3·0	1·1	7·1	8·0
Year	58·1	50·7	60·7	62·9	12·2	4·0	1·3	8·8	9·3

36. SIBSAGAR.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Mini-ma.	10 hours.	16 hours.
January	55·6	49·8	57·5	59·6	9·8	2·8	0·5	1·3	4·9
February	57·9	51·0	60·2	62·5	11·5	4·7	0·9	3·0	8·5
March	64·7	60·3	65·8	68·1	7·8	4·3	0·9	3·7	7·4
April	69·9	64·8	71·5	73·3	8·5	5·2	1·1	5·0	9·1
May	76·4	72·6	77·7	78·8	6·2	5·4	1·3	5·3	8·0
June	78·1	75·0	78·9	80·3	5·3	4·5	1·3	4·0	6·1
July	80·3	76·7	81·3	83·0	6·3	5·1	1·6	4·1	8·0
August	79·1	75·8	80·4	81·1	5·3	3·8	1·3	3·4	6·0
September	79·2	76·2	80·1	81·4	5·2	4·2	1·3	3·8	6·3
October	74·0	69·6	75·8	76·6	7·0	3·6	1·0	4·0	5·9
November	64·9	58·9	67·1	68·7	9·8	3·8	0·6	3·1	7·7
December	56·5	47·1	59·8	62·5	15·4	4·4	0·3	2·2	7·7
Year	69·7	64·8	71·3	73·0	8·2	4·4	1·0	3·6	7·1

* Mean of 30 days.

37. TEZPUR.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	55·9	50·5	59·5	57·8	7·3	3·5	0·4	5·3	5·3
February	59·2	52·4	63·4*	61·7*	9·3	5·6	0·7	6·5	6·6
March	65·6	59·6	67·9	69·2	9·6	5·4	0·8	8·0	8·1
April	70·1	64·5	72·8	73·0	8·5	5·8	0·9	6·3	10·2
May	75·6	71·3	77·6	77·9	6·6	5·2	0·6	6·4	6·7
June	76·5	72·9	77·6	79·1	6·2	3·9	0·5	3·5	4·1
July	81·1	74·1	83·8	85·5	11·4	1·9	0·9	1·3	2·0
August	80·5	74·0	83·0	84·5	10·5	1·1	0·6	0·4	0·5
September	79·2	72·8	83·2‡	81·5‡	8·7	2·8	0·6	3·6	5·5
October	75·2	68·9	78·7†	78·0§	9·1	2·0	0·9	4·1	3·2
November	67·6	57·4	73·5	71·8	14·4	0·6	0·7	3·8	4·9
December	59·6	50·0	66·1	62·7	12·7	1·5	0·5	4·1	6·3
Year	70·5	64·0	73·9	73·6	9·5	3·3	0·7	4·4	5·3

* Mean of 27 days. ‡ Mean of 22 days.
† „ „ 23 „ § „ „ 28 „

38. DHUBRI.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	56·6	52·3	57·5	60·1*	7·8	4·3	0·7	3·4	8·6
February	58·2	52·5	59·4	62·7	10·2	7·2	1·8	6·1	13·8
March	65·7	61·1	67·0	69·0	7·9	8·1	2·8	7·3	14·6
April	71·1	67·6	72·2	73·6	6·0	6·4	2·3	6·7	11·4
May	75·1	72·4	75·8	77·2	4·8	4·1	1·8	5·1	6·9
June	76·4	74·8	76·9	77·5	2·7	1·8	0·8	2·4	3·2
July	79·3	77·3	79·7	80·9	3·6	3·4	1·5	3·9	5·7
August	78·0	76·1	78·9	79·1	3·0	2·9	1·4	3·6	5·2
September	77·4	75·5*	78·1	78·6	3·1	3·3	1·6	3·7	5·7
October	73·5	70·8	74·7	75·1	4·3	4·3	1·6	5·2	8·1
November	67·2	62·8	68·4	70·4	7·6	4·9	1·2	5·3	9·8
December	59·1	53·2	60·4	63·8	10·6	5·0	0·6	4·8	10·5
Year	69·8	66·4	70·8	72·3	6·0	4·6	1·5	4·8	8·6

* Mean of 30 days.

39. TURA.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	?	Not recorded.	56·5	57·7	?	?	Shade minimum not recorded.	6·1	7·5
February	?		58·3	59·1	?	?		10·8	14·5
March	?		64·6*	64·5	?	?		11·6	15·4
April	?		70·8	71·2	?	?		9·3	12·5
May	?		75·0	75·4	?	?		6·6	7·9
June	?		75·9	76·1	?	?		4·2	4·5
July	?		76·8	77·3	?	?		3·9	4·5
August	?		75·9	76·0	?	?		3·8	4·7
September	?		75·8	76·5	?	?		4·0	4·3
October	?		71·9	73·0	?	?		5·2	5·8
November	?		66·8	68·5	?	?		6·7	7·3
December	?		60·9	62·8	?	?		6·9	8·6
Year	...	...	69·1	69·8	..	...	...	6·6	8·1

40. SILCHAR.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	57·5	51·2	59·5	61·9	10·7	4·2	0·6	3·4	9·8
February	58·8	51·9	61·7	62·7	10·8	7·7	1·1	7·1	16·8
March	67·3	62·8	68·8	70·3	7·5	5·8	1·4	5·6	11·5
April	71·5	66·4	73·3	74·9	8·5	7·0	1·6	7·2	13·3
May	76·5	72·5	78·1	78·9	6·4	6·0	1·8	7·0	9·8
June	77·6	74·3	78·8	79·6	5·3	3·6	1·2	5·0	5·0
July	79·2	76·0	80·1	81·4	5·4	4·9	1·2	5·7	8·6
August	78·2	75·3	79·1	80·3	5·0	4·1	1·1	4·3	7·0
September	78·4	75·5	79·4	80·3	4·8	4·7	1·0	5·3	8·1
October	74·9	70·8	76·6	77·2	6·4	5·0	1·1	5·6	9·3
November	68·6	62·7	70·5	72·6	9·9	5·8	1·2	7·2	11·1
December	59·6	50·9	62·6	65·3	14·4	6·4	1·3	6·6	13·1
Year	70·7	65·9	72·4	73·8	7·9	5·4	1·2	5·8	10·3

TABLE X.—TEMPERATURE OF EVAPORATION IN 1887.

41. DARJEELING.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minima.	10 hours.	16 hours.
January	?	Imperfect.	35·7*	36·2†	?	?	?	0·7	0·6
February	38·3	33·8‡	39·7	41·3§	7·5	1·7	0·5	2·6	2·5
March	44·1	39·0	46·2	47·0‖	8·0	3·5	3·1	3·9	4·5
April	49·7	44·4†	52·0	52·7†	8·3	3·0	2·8	2·8	3·6
May	55·3	51·2	57·2	57·4*	6·2	2·2	1·7	2·5	2·8
June	57·9	54·4	59·4	60·0‖	5·6	1·0	0·9	1·0	1·4
July	60·3	56·7	62·2	62·0¶	5·3	1·1	0·8	1·4	1·5
August	59·0	55·8	60·2	61·0†	5·2	0·8	0·7	0·9	0·8
September	58·1	54·2	59·8	60·4‖	6·2	1·5	1·4	1·6	1·7
October	51·5	46·7	53·7	54·0‖	7·3	2·2	2·2	2·7	2·0
November	45·2	39·7†	47·5†	48·4*	8·7	3·1	2·9	4·5	2·4
December	38·8	33·2	40·9	42·3	9·1	3·8	3·4	5·1	3·7
Year	?	?	51·2	51·9	?	?	?	2·5	2·3

* Mean of 28 days. † ,, ,, 29 ,, ‡ Mean of 22 days. § ,, ,, 26 ,, ‖ Mean of 27 days. ¶ ,, ,, 30 ,,

42. PEDONG.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minima.	10 hours.	16 hours.
January	43·2	39·5	45·4	44·6	5·1	0·4	0·9	2·4	2·1
February	46·4	41·3‖	49·5‖	48·4§	7·1	1·6	1·3	4·9	5·0
March	52·3	47·2¶	55·1	54·6	7·4	3·3	2·1	6·2	7·2
April	58·2	53·0	61·1*	60·6§	7·6	2·5	1·6	5·3	6·1
May	63·1	59·4	65·7	64·3†	4·9	2·2	1·5	3·6	5·4
June	65·8	62·5	67·2†	67·7*	5·2	0·8	0·6	1·6	2·4
July	67·7	64·3¶	69·8	69·1¶	4·8	0·2	0·6	1·9	1·7
August	66·2	63·0¶	67·6	68·0	5·0	0·7	0·8	1·3	1·9
September	66·3	62·4	68·5	68·0	5·6	0·8	1·0	2·4	2·7
October	59·9	55·2*	63·2*	61·4*	6·2	0·9	1·1	3·6	3·8
November	53·9	48·7	57·3†	55·8	7·1	1·1	1·2	4·9	4·3
December	46·8	41·0¶	50·5	48·9	7·9	2·0	2·0	5·5	5·6
Year	57·5	53·1	60·1	59·3	6·2	1·4	1·2	3·6	4·0

43. PURNEAH.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minima.	10 hours.	16 hours.
January	54·5	47·8	56·8	59·0	11·2	5·0	1·1	4·2	9·6
February	55·7	47·2	57·8	62·1	14·9	7·9	1·5	9·0	14·1
March	62·8	56·0	65·6	66·9	10·9	12·9	3·7	13·4	20·7
April	70·5	65·0	73·7	72·8	7·8	11·9	4·2	11·8	19·6
May	76·2	72·5	78·0	78·1	5·6	10·2	4·2	11·0	15·4
June	78·8	75·2	80·1	81·0	5·8	3·6	1·3	4·4	5·6
July	80·5	77·5	81·9	82·2	4·7	4·3	1·1	4·8	6·2
August	79·0	76·1	80·1	80·9	4·8	3·5	1·2	3·4	4·8
September	78·5	75·5	79·5	80·6	5·1	4·3	1·1	4·8	6·2
October	72·5	69·0*	72·5*	76·1*	7·1	5·8	1·1	9·3	8·4
November	65·1	57·5	68·1	69·6	12·1	6·0	1·9	6·5	10·9
December	56·9	47·4	59·8	63·4†	16·0	5·3	1·0	5·8	10·6
Year	69·3	63·9	71·2	72·7	8·8	6·7	2·0	7·4	11·0

44. DURBHUNGA.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minima.	10 hours.	16 hours.
January	56·1	51·2	57·2	59·8	8·6	4·2	1·3	4·0	7·9
February	56·6	50·6	57·8	61·3	10·7	7·5	2·1	7·5	13·6
March	64·6	59·1	65·9	68·9	9·8	10·7	3·7	11·3	17·6
April	71·4	66·5	73·3	74·3	7·8	10·3	4·0	10·1	16·9
May	76·7	73·5	78·0	78·5	5·0	8·3	3·6	7·6	13·9
June	78·4	75·6	78·9	80·6	5·0	4·4	2·0	4·4	7·0
July	80·3	78·0	81·1	81·7	3·7	4·5	2·1	4·7	6·2
August	79·1	77·3	79·4	80·5	3·2	3·4	1·5	3·1	5·2
September	78·5	76·8	79·3	79·4	2·6	4·5	1·7	4·4	6·8
October	73·1	70·2	74·2	74·8	4·6	5·8	2·1	6·0	9·6
November	66·8	60·9	68·9	70·5	9·6	5·0	1·4	5·3	9·6
December	58·2	52·0	60·4	62·1	10·1	5·7	1·5	5·0	11·2
Year	70·0	66·0	71·2	72·7	6·7	6·2	2·3	6·1	10·5

* Mean of 29 days. † ,, ,, 30 ,,

45. PATNA.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	55·5	49·6	57·7	59·3	9·7	5·1	1·4	5·7	8·7
February	55·1	47·5	57·6	60·3	12·8	9·7	3·4	10·5	16·1
March	64·1	57·8	66·3	68·2	10·4	12·7	5·0	14·1	19·9
April	70·5	64·1	73·1	74·3	10·2	14·5	6·5	15·7	21·3
May	75·9	72·3*	77·7*	77·8†	5·5	12·3	5·8	12·6	18·4
June	81·2	77·6	82·3	83·7	6·1	3·7	1·4	4·2	5·5
July	81·9	79·0	83·0	83·6	4·6	2·7	1·0	3·3	3·3
August	81·0	78·2	81·8	82·9	4·7	2·7	1·1	3·0	3·4
September	79·0	76·4	80·3	80·2	3·8	4·8	1·8	5·2	6·5
October	71·4	68·7	71·9	73·7	5·0	7·8	2·4	10·4	11·2
November	64·2	57·3	67·2	68·0	10·7	7·3	2·6	9·0	11·9
December	56·6	49·4	59·3	61·2	11·8	6·8	1·9	7·9	11·2
Year	69·7	64·8	71·5	72·8	7·9	7·5	2·9	8·5	11·5

* Mean of 30 days.
† „ „ 29 „

46. GYA.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	55·3	50·1	57·2	58·5	8·4	8·0	3·0	9·6	12·0
February	57·2	50·3	59·5	61·9	11·6	11·6	5·2	13·1	17·3
March	68·5	61·3	71·3	73·0	11·7	12·1	5·6	13·7	18·3
April	75·3	68·9	77·6	79·5	10·6	13·0	5·3	15·7	19·3
May	78·0	76·1	78·3	79·7	3·6	14·8	5·1	17·6	21·0
June	79·8	77·6	80·4	81·5	3·9	8·3	3·6	9·1	12·1
July	79·1	76·6	79·8	81·0	4·4	6·4	2·4	7·4	9·7
August	78·3	76·2	78·9	79·7	3·5	5·8	1·9	6·8	8·7
September	77·5	74·6	78·6	79·2	4·6	7·3	2·8	8·7	10·2
October	70·5	66·0	72·4	73·1	7·1	9·9	3·6	11·9	14·2
November	62·1	55·0	65·2	66·0	11·0	9·8	3·0	12·5	15·5
December	55·4	48·1	58·2	59·8	11·7	8·8	2·4	10·8	14·7
Year	69·8	65·1	71·5	72·7	7·7	9·7	3·7	11·4	14·4

47. HAZARIBAGH.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	51·5	46·2	54·4	54·6	8·4	7·3	4·0	8·7	11·6
February	49·9	43·9	52·4	54·4	10·5	14·1	8·4	17·7	20·7
March	57·8	52·3	60·0	60·8	8·5	17·8	10·9	20·7	26·0
April	61·2	57·0	63·3	63·6	6·6	21·9	13·7	26·2	29·3
May	69·1	65·3	70·6	70·2	4·9	16·4	10·0	19·3	22·9
June	74·0	71·1	75·9	74·5	3·4	7·1	3·8	9·8	9·6
July	74·6	71·6	75·1	75·7	4·1	3·2	1·5	4·5	5·2
August	74·2	71·1	74·8	75·4	4·3	3·2	1·2	4·1	5·1
September	72·0	68·6	73·1	73·0	4·4	5·0	2·4	6·5	7·8
October	65·0	60·9	67·0	67·0	6·1	8·9	4·9	11·6	12·3
November	56·8	51·9	59·1	59·7	7·8	10·6	5·6	13·8	15·2
December	51·0	45·4	53·7	54·5	9·1	9·8	4·9	12·1	15·0
Year	63·1	58·8	65·0	65·3	6·5	10·4	5·9	12·9	15·1

48. BERHAMPORE.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	57·5	52·0	59·2	61·3	9·3	4·9	1·5	5·2	10·4
February	58·3	51·4	60·3	63·1	11·7	8·2	2·2	9·6	16·7
March	66·8	61·4	69·0	69·9	8·5	9·9	4·7	11·3	18·7
April	72·9	68·4	75·4	74·9	6·5	9·3	4·2	10·5	19·4
May	77·5	73·2	80·0	79·2	6·0	5·5	3·4	6·8	12·5
June	79·8	76·7	81·2	81·5	4·8	2·6	1·6	3·9	6·2
July	79·6	77·3	80·3	81·1	3·8	2·6	1·3	3·8	4·9
August	79·4	77·5	80·2	80·5	3·0	2·5	1·1	3·9	5·0
September	79·2	77·2	79·9	80·6	3·4	2·9	1·4	4·2	5·1
October	74·7	71·6	76·0	76·5	4·9	4·0	1·8	6·1	7·5
November	66·8	62·1	68·5	69·9	7·8	5·7	2·2	6·9	10·6
December	59·3	53·5	61·2	63·3	9·8	5·7	1·5	6·8	11·4
Year	71·0	66·9	72·6	73·5	6·6	5·3	2·2	6·6	10·7

49. BURDWAN.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	56·8	52·7	57·7	60·0	7·3	7·5	1·0	9·7	14·4
February	56·8	52·0	58·1	60·3	8·3	11·1	2·4	14·3	20·9
March	66·3	63·4	67·4	68·0	4·6	12·3	3·7	15·8	22·8
April	71·8	69·8	72·7	73·0	3·2	10·9	3·9	13·7	21·4
May	77·2	75·1*	78·2	78·4	3·3	6·7	2·5	9·7	13·8
June	78·5	77·0	79·1	79·4	2·4	4·6	2·3	7·2	8·4
July	78·4	77·8	78·7	78·7	0·9	3·7	1·3	5·8	6·5
August	77·9	77·3	78·0	78·3	1·0	4·3	1·4	6·6	7·8
September	77·4	76·8	78·1	77·4	0·6	4·9	1·7	7·1	8·2
October	72·3	71·2	73·2	72·6	1·4	6·3	1·5	9·2	11·6
November	64·0	60·8	65·2	65·9	5·1	8·6	2·6	11·3	14·9
December	56·9	52·4	58·3	60·1	7·7	8·9	2·3	11·4	15·6
Year	69·5	67·2	70·4	71·0	3·8	7·5	2·2	10·2	13·9

* Mean of 30 days.

50. JESSORE.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	57·8	51·1	60·8	61·6	10·5	5·6	1·7	6·7	10·9
February	59·2	51·9	62·3	63·4	11·5	8·5	2·2	10·6	16·9
March	69·1	64·2	72·1	71·0	6·8	9·2	4·1	10·1	18·2
April	75·3	70·9	77·8	77·1	6·2	7·6	3·2	9·9	15·8
May	78·4	74·7	80·1	80·5	5·8	4·4	2·7	6·6	9·3
June	80·3	77·2	82·2	81·6	4·4	2·9	1·8	5·0	5·7
July	79·8	77·8	80·7	81·0	3·2	2·6	1·2	3·9	4·7
August	79·6	77·4	81·0	80·3	2·9	2·6	1·1	4·4	5·0
September	79·3	76·6†	80·9†	80·3†	3·7	3·4	1·8	4·8	6·1
October	74·8	71·7	76·9	75·8	4·1	4·4	1·8	6·4	8·4
November	67·4	62·2	70·0	70·1	7·9	5·8	1·9	8·0	10·5
December	59·5	52·3	63·1	63·0	10·7	6·0	1·9	7·4	11·7
Year	71·7	67·3	74·0	73·8	6·5	5·3	2·1	7·0	10·3

† Mean of 29 days.

51. DACCA.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	58·6	53·3	60·7	61·7	8·4	5·9	0·7	6·9	10·9
February	60·1	54·3	62·3	63·6	9·3	9·4	1·3	10·4	16·6
March	69·3	66·3	71·4	70·1	3·8	8·8	2·2	9·1	16·3
April	75·1	72·0	76·5	76·7	4·7	7·8	1·5	9·3	13·4
May	78·1	76·0	79·2	79·2	3·2	5·8	1·3	7·0	9·0
June	79·5	77·5	80·7	80·4	2·9	3·6	0·9	4·2	4·4
July	79·7	78·3	80·4	80·3	2·0	3·5	0·8	4·1	4·9
August	79·5	78·1	80·2	80·1	2·0	4·0	0·8	4·6	4·8
September	79·4	78·2	80·3	79·8	1·6	4·6	0·9	5·2	6·4
October	75·1	72·9	76·1	76·2	3·3	6·0	0·7	7·4	8·2
November	69·3	65·1	71·4	71·3	6·2	5·8	0·6	7·1	9·9
December	61·1	54·9	63·4	63·0	10·1	6·6	0·7	7·4	11·2
Year	72·1	68·9	73·6	73·7	4·8	6·0	1·0	6·9	9·7

52. CHITTAGONG.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	59·6	53·8	61·9	63·0	9·2	6·1	1·1	6·2	9·9
February	61·5	54·6	64·3	65·7	11·1	7·4	1·6	7·9	11·2
March	71·5	67·0	74·0	73·5	6·5	5·0	1·4	6·0	7·7
April	75·1	70·9	77·2	77·2	6·3	7·0	1·9	9·0	9·6
May	77·5	74·4	78·6	79·4	5·0	5·7	2·3	7·5	7·2
June	77·8	75·1	79·1	79·3	4·2	3·9	1·7	4·6	4·8
July	77·5	74·9	78·7	78·8	3·9	3·3	1·4	4·1	4·0
August	77·2	74·8	78·3	78·5	3·7	3·6	1·5	4·8	4·1
September	77·4	74·7	78·9	78·7	4·0	3·9	1·4	5·0	4·9
October	75·3	71·5	77·2	77·3	5·8	4·3	1·0	5·7	6·4
November	70·1	65·1	72·6	72·5	7·4	4·8	1·1	5·7	7·0
December	62·7	55·4	66·3	66·3	10·9	5·2	1·1	5·0	8·5
Year	71·9	67·7	73·9	74·2	6·5	5·0	1·5	6·0	7·1

53A. CALCUTTA (CHOWRINGHEE).

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minima.	10 hours.	16 hours.
January	60·0	54·4	61·0	63·0	8·6	5·4	1·2	7·4	11·8
February	61·4	55·2	63·0	64·0	8·8	8·3	2·4	11·0	17·6
March	71·5	67·6	73·5	71·6	4·0	8·5	3·4	10·0	18·4
April	75·1	71·5	77·4	76·0	4·5	8·5	2·9	11·1	17·4
May	79·2	75·5	80·9	80·8	5·3	4·9	2·0	7·9	10·6
June	80·6	77·5	82·0	81·7	4·2	3·2	1·5	6·2	6·4
July	79·6	77·3	80·6	80·7	3·4	2·4	0·9	4·5	4·4
August	79·5	77·3	80·6	80·5	3·2	2·8	1·0	5·1	5·3
September	79·3	77·2	80·2	80·1	2·9	2·9	1·1	4·7	5·4
October	74·6	71·7	75·3	75·1	3·4	4·5	1·0	8·3	9·4
November	67·2	62·5	68·7	69·2	6·7	6·1	1·6	9·0	11·8
December	59·6	53·7	61·3	62·3	8·6	6·3	1·2	8·5	13·5
Year	72·3	68·5	73·7	73·8	5·3	5·3	1·7	7·8	11·0

53B. CALCUTTA (ALIPORE).

MONTH.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Minimum.	DIFFERENCE, DRY AND WET BULB. Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Minima.
January	58·8	54·8	59·3	61·2	57·9	54·3	5·5	1·5	7·3	12·4	2·8	0·9
February	60·0	56·3	60·4	61·6	58·8	55·2	8·1	2·1	11·6	18·4	4·6	1·9
March	71·8	70·7	71·9	70·0	71·1	66·9	7·8	1·4	9·8	18·1	4·0	3·8
April	75·3	72·7	75·8	74·4	74·4	70·7	8·1	2·3	10·5	16·9	4·1	3·4
May	79·1	77·1	79·3	79·3	77·8	75·1	5·9	1·9	8·0	10·5	3·6	2·5
June	80·0	78·2	80·1	80·1	78·3	76·6	4·3	1·7	6·1	6·2	2·6	1·9
July	79·5	77·8	79·3	79·3	78·5	76·9	3·0	1·1	4·6	4·4	1·8	1·3
August	79·5	77·6	79·2	79·0	78·3	76·9	3·4	1·1	5·0	5·1	2·2	1·2
September	79·2	77·7	78·9	78·6	78·5	76·8	3·2	1·1	4·9	5·4	1·5	1·5
October	74·2	72·4	74·5	74·1	73·3	71·2	4·4	1·1	7·2	8·9	1·7	1·5
November	66·5	63·1	67·5	68·0	65·3	62·5	5·7	2·8	8·3	11·9	2·7	2·2
December	58·4	54·1	59·9	60·9	57·3	53·9	6·3	2·2	8·4	14·2	2·6	2·2
Year	71·9	69·4	72·2	72·2	70·8	68·1	5·5	1·7	7·6	11·0	2·9	2·0

54. SAUGOR ISLAND.

MONTH.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Minimum.	DIFFERENCE, DRY AND WET BULB. Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Minima.
January	62·3	59·0	63·6	65·4	61·1	56·6	5·0	2·7	6·3	8·3	2·9	2·6
February	64·9	62·6	65·3	68·0	63·8	59·6	5·7	2·8	7·7	9·6	2·6	2·6
March	76·4	74·5	77·4	78·0	75·7	73·5	3·9	2·7	4·5	5·7	2·7	2·8
April	79·1	77·1	80·6	81·2	77·4	75·9	4·3	2·7	5·3	6·1	3·3	2·9
May	80·5	79·2	82·0	81·9	78·8	77·8	4·9	2·9	6·1	6·8	3·9	2·9
June	81·6	80·4	82·8	82·6	80·8	79·2	3·6	2·3	4·3	4·9	2·6	2·8
July	79·7	78·6	80·1	80·7	79·5	78·3	3·1	2·5	3·3	4·0	2·5	1·5
August	79·4	78·3	80·3	80·3	78·6	77·4	3·6	2·3	4·0	5·1	3·1	2·3
September	79·5	78·6	80·3	80·2	79·1	77·7	3·4	2·3	3·7	4·6	2·7	2·2
October	74·7	73·3	76·3	75·5	73·8	72·3	4·7	2·3	5·9	7·6	2·9	2·4
November	68·1	66·1	69·8	69·4	67·1	64·1	5·4	2·6	6·4	9·3	3·1	3·1
December	60·6	57·4	63·0	62·9	59·0	55·4	6·1	2·9	6·9	10·9	3·7	2·7
Year	73·9	72·1	75·1	75·5	72·9	70·7	4·5	2·6	5·4	6·9	3·0	2·6

55 LIGHT SHIP SANDHEADS.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minima.	10 hours.	16 hours.
January	?	Not recorded.	Imperfect.		...	...	...	...	...
February	?		71·1*	71·4*	...	...	...	...	3·8
March	?		77·3	77·8	...	...	...	...	3·0
April	?		80·0	80·4	...	...	...	...	2·7
May	?		83·5†	83·8†	...	...	...	...	1·9
June	?	?	84·0	84·5	...	...	...	...	1·3
July	?								
August	?								
September	?								
October	?		Not recorded.						
November	?								
December	?								
Year	?								

* Mean of 26 days. † Mean of 24 days.

TABLE X.—TEMPERATURE OF EVAPORATION IN 1887.

56. CUTTACK.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	64·9	59·0*	68·5†	67·3	8·3	7·0	1·2	5·4	14·9
February	64·0	59·3‡	65·4	67·2	7·9	10·8	2·6	11·8	19·9
March	73·5	71·5	74·7	74·3	2·8	9·8	2·3	10·0	18·2
April	79·7	74·6	80·4	84·0	9·4	7·8	2·2	9·5	13·4
May	79·3	76·9	80·1	80·8†	3·9	10·8	4·4	12·1	17·1
June	79·0	77·0	80·3	79·6	2·6	7·0	2·6	9·3	10·2
July	77·8	76·7	78·0	78·8†	2·1	5·5	1·6	7·6	7·9
August	78·3	76·5	79·0	79·5	3·0	5·1	1·6	6·8	6·7
September	78·3	75·9	79·1	79·8	3·9	5·6	2·1	7·2	7·7
October	74·4	71·7	75·8	75·6	3·9	7·1	2·3	8·8	10·9
November	68·5	64·3	70·1	71·1	6·8	8·5	2·4	10·3	13·3
December	62·2	56·0	63·9	66·7	10·7	8·4	1·8	10·1	14·7
Year	73·3	70·0	74·6	75·4	5·4	7·8	2·3	9·1	12·9

* Mean of 29 days. † „ „ 30 „ ‡ Mean of 27 days.

57. FALSE POINT.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	64·8	59·0	67·5	68·0	9·0	3·7	0·8	7·7	9·1
February	66·1	60·4	68·8	69·0	8·6	4·4	0·7	9·4	10·9
March	75·7	72·5	77·4	77·3	4·8	3·1	1·1	6·7	6·6
April	78·3	75·4	79·8	79·8	4·4	2·9	1·1	6·3	6·0
May	80·6	77·9	81·9	81·9	4·0	3·0	1·5	5·7	5·8
June	80·2	78·2	81·2	81·2	3·0	3·3	1·8	5·9	5·7
July	78·5	76·9	79·1	79·5	2·6	2·8	0·9	5·4	5·2
August	78·7	76·9	79·8	79·5	2·6	2·9	1·3	4·5	5·4
September	78·3	76·2	79·0	79·6	3·4	3·3	1·4	5·8	6·0
October	74·8	72·2	76·0	76·3	4·1	4·1	1·2	7·7	8·1
November	68·1	64·1	70·5	69·8	5·7	3·9	0·7	8·2	9·4
December	63·7	55·7	67·4	67·9	12·2	1·6	0·4	5·5	6·6
Year	74·0	70·5	75·7	75·8	5·4	3·3	1·1	6·6	7·1

58. SAMBALPUR.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	60·7	54·0	63·2	64·9	10·9	7·4	1·8	9·4	15·5
February	58·3	51·0	61·0	63·0	12·0	11·5	2·4	15·6	23·2
March	68·6	63·2	71·6	71·0	7·8	14·4	5·4	16·0	26·3
April	71·4	68·2	73·4	72·7	4·5	16·8	6·8	18·5	28·6
May	76·1	73·8	78·0	76·5	2·7	18·2	9·0	19·1	29·3
June	77·6	75·7	78·6	78·5	2·8	10·5	5·6	12·1	16·4
July	76·5	74·4	77·5	77·5	3·1	4·0	2·5	4·8	6·5
August	76·7	74·7	77·4	77·9	3·2	4·0	2·1	4·9	6·6
September	76·3	74·2	77·4	77·2	3·0	5·0	2·4	6·2	8·8
October	71·5	68·7	73·1	72·7	4·0	6·6	2·2	8·7	12·5
November	65·1	60·1	67·4	67·9	7·8	7·6	2·3	10·5	15·0
December	58·3	51·4	60·6	62·8	11·4	7·8	1·9	9·7	16·1
Year	69·8	65·8	71·6	71·9	6·1	9·5	3·7	11·3	17·1

59. RAIPUR.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	59·0	53·6	60·8	62·5	8·9	9·2	3·1	10·4	17·1
February	54·9	48·1	56·7	59·9	11·8	15·6	7·5	18·8	25·4
March	61·1	55·5	63·3	65·5	10·0	21·5	13·3	24·1	30·9
April	67·3	62·4	69·8	69·7	7·3	20·8	13·2	23·1	30·9
May	68·6	65·1	70·6	70·2	5·1	26·4	18·7	29·8	36·0
June	74·6	72·1	75·8	76·0*	3·9	10·5	5·8	12·4	16·3
July	74·5	72·4	75·1	75·9	3·5	3·3	1·6	4·7	5·7
August	74·7	72·8	75·3	75·9	3·1	3·9	1·7	4·4	6·8
September	73·7	71·7	74·5	74·9	3·2	5·6	1·9	7·7	10·1
October	68·1	65·3	69·7	69·4	4·1	8·4	3·1	11·3	15·2
November	61·7	56·7	63·9	64·5	7·8	9·6	4·0	13·4	17·3
December	55·2	49·7	57·5	58·5	8·8	10·0	4·0	12·7	18·2
Year	66·1	62·1	67·8	68·6	6·5	12·1	6·5	14·4	19·2

* Mean of 29 days.

60. NAGPUR.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	60·0	52·9	62·2	64·8	11·9	9·6	4·0	10·9	17·5
February	55·1	47·0	56·8	61·4	14·4	17·5	9·8	19·6	27·0
March	61·4	53·5	63·7	67·0	13·5	21·7	14·5	25·0	31·1
April	67·0	61·0	69·7	70·2	9·2	21·7	14·4	25·8	31·7
May	69·9	65·1	72·8	71·9	6·8	24·7	17·9	28·6	34·3
June	74·8	71·6	76·4	76·3	4·7	8·9	5·7	10·4	13·7
July	74·3	71·8	75·3	75·9	4·1	3·1	2·1	3·7	5·0
August	74·6	71·9	75·6	76·4	4·5	3·3	1·8	3·8	5·7
September	73·5	70·2	75·2	75·1	4·9	4·7	2·5	6·8	8·6
October	67·9	63·1	70·3	70·3	7·2	8·3	4·0	11·4	15·0
November	62·8	55·9	65·6	66·8	10·9	8·5	4·6	11·5	15·2
December	56·8	49·8	59·3	61·3	11·5	9·4	4·0	11·2	17·3
Year	66·5	61·2	68·6	69·8	8·6	11·8	7·1	14·1	18·5

61. SEONI.

Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
56·7	50·5	58·8	60·7	10·2	7·5	2·4	10·5	14·7
53·4	45·3	56·1	58·8	13·5	13·1	6·2	18·6	22·7
58·6	52·6	60·3	63·0	10·4	18·9	11·2	25·1	28·2
64·4	59·9	66·4	66·8	6·9	19·3	11·5	25·8	29·2
66·7	63·0	68·8	68·4	5·4	23·2	15·3	29·1	33·0
71·9	68·9	73·6	73·2	4·3	9·5	6·3	12·7	14·4
71·9	69·7	72·7	73·2	3·5	2·9	2·0	3·7	4·6
71·7	69·1	72·7	73·3	4·2	3·0	2·0	5·0	4·9
70·4	67·3	71·6	72·2	4·9	5·4	2·3	8·7	9·8
63·2	59·0	65·1	65·5	6·5	9·2	3·6	15·1	16·7
57·6	51·9	60·1	60·9	9·0	9·3	4·0	14·8	17·0
53·4	46·4	56·8	57·1	10·7	8·3	2·8	13·6	17·0
63·3	58·6	65·3	66·1	7·5	10·8	5·8	15·2	17·7

62. JUBBULPORE.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours	16 hours.
January	56·5	50·5	58·3	60·8	10·3	6·7	1·5	7·0	13·6
February	51·9	43·7	54·4	57·5	13·8	11·2	2·8	13·8	22·2
March	58·7	52·2	60·6	63·3	11·1	16·4	6·7	21·7	28·0
April	63·5	58·4	65·4	66·7	8·3	20·7	11·0	26·5	32·3
May	68·3	64·6	70·1	70·3	5·7	23·6	14·6	27·0	34·2
June	73·8	71·6	74·6	75·3	3·7	11·6	6·4	13·5	17·4
July	74·4	72·8	74·8	75·7	2·9	2·2	0·9	3·3	3·8
August	74·0	72·0	74·7	75·4	3·4	2·8	1·1	3·8	5·0
September	73·1	70·4	74·2	74·8	4·4	4·2	1·0	5·9	8·4
October	65·7	61·7	68·2	67·3	5·6	7·3	1·5	9·3	15·4
November	57·8	50·7	60·6	62·2	11·5	7·4	1·6	11·2	15·9
December	53·1	44·5	56·4	58·5	14·0	7·1	1·6	9·3	15·8
Year	64·2	59·4	66·0	67·3	7·9	10·1	4·2	12·7	17·7

63. SAUGOR.

Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
54·9	48·8	56·7	59·1	10·3	8·4	4·3	10·3	14·3
51·3	44·8	53·0	56·2	11·4	14·9	8·2	18·2	23·2
57·2	51·6	58·6	61·4	9·8	19·6	11·9	24·2	28·7
61·9	57·5	63·7	64·5	7·0	24·2	15·9	29·8	34·2
67·2	64·1	69·4	68·2	4·1	25·2	16·1	27·1	36·4
72·8	69·8	74·2	74·5	4·7	12·5	7·3	13·3	18·9
73·8	71·3	74·4	75·7	4·4	2·6	1·5	3·4	4·2
73·5	70·9	74·2	75·3	4·4	2·0	1·1	2·9	3·7
72·1	68·8	73·7	73·8	5·0	5·0	1·8	6·4	9·8
64·2	59·2	66·9	66·4	7·2	9·5	4·6	13·5	17·2
56·7	51·3	59·4	59·5	8·2	10·1	4·8	14·8	17·9
53·9	48·1	56·2	57·4	9·3	10·2	5·2	14·0	17·4
63·3	58·9	65·0	66·0	7·2	12·0	6·9	14·8	18·8

TABLE X.—TEMPERATURE OF EVAPORATION IN 1887.

64. PACHMARHI.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	52·4	46·4	54·7	56·0	9·6	6·1	3·5	9·1	11·1
February	48·2	41·1	50·4	53·0	11·9	11·8	5·6	18·1	20·2
March	54·9	49·2	56·2	57·4	8·2	17·3	12·3	21·0	25·5
April	58·9	54·8	60·3	61·5	6·7	20·4	13·6	25·7	28·6
May	63·4	62·0	65·3	65·8	3·8	21·4	14·2	21·2	27·5
June	68·2	64·9	69·5	70·1	5·2	7·2	5·2	7·9	10·5
July	67·5	65·3	68·1	69·0	3·7	1·7	1·9	1·8	2·2
August	67·3	64·8	68·1	68·9	4·1	1·6	1·7	1·9	2·4
September	67·2	63·1	69·0	69·4	6·3	2·2	2·0	3·6	4·3
October	59·2	54·1	61·3	62·2	8·1	6·2	2·8	12·4	11·6
November	53·8	47·3	56·9	57·2	9·9	5·8	3·5	11·9	11·2
December	50·2	41·3	54·3	55·0	13·7	5·3	3·2	10·9	11·5
Year	59·3	54·5	61·2	62·1	7·6	8·9	5·8	12·1	13·9

65. HOSHANGABAD.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	58·1	51·3*	60·0	62·9	11·6	7·6	2·3	8·4	14·8
February	54·6	46·4	55·8	61·5	15·1	12·6	4·2	14·4	22·3
March	?	Imperfect.	60·7	65·2	?	?	Shade minimum untrustworthy.	22·8	29·3
April	?	Untrustworthy.	66·9	69·9	?	?		24·9	32·7
May	?		73·4	73·3	?	?		22·2	32·2
June	?		76·9	78·4	?	?		9·6	15·2
July	?		75·1	76·3	?	?		2·7	3·9
August	?		74·7	76·6	?	?		2·7	4·2
September	?		74·9	75·3	?	?		5·5	8·5
October	?		69·6	69·3	?	?		10·4	15·9
November	59·4	52·1†	62·4	63·6	11·5	9·1	5·1	10·8	16·1
December	55·7	48·3	57·3	61·5	13·2	8·2	3·1	9·3	14·8
Year	?	?	67·3	69·5	?	?	?	12·0	17·5

* Mean of 30 days. † Mean of 22 days.

66. KHANDWA.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	57·5	50·9	60·0	61·7	10·8	9·8	2·9	12·8	19·1
February	54·1	44·8	56·7	60·8	16·0	14·9	6·4	19·2	25·9
March	59·9	51·8	62·4	65·4	13·6	20·1	13·0	23·7	29·8
April	63·8	57·8	65·9	67·7	9·9	24·5	16·9	28·9	34·1
May	70·7	67·5	73·2	71·4	3·9	18·9	11·5	17·7	28·7
June	73·5	70·9	74·6	74·9	4·0	9·8	5·5	10·3	15·2
July	73·7	71·6	74·4	75·2	3·6	3·5	1·8	4·8	5·8
August	73·1	71·2	73·9	75·0	3·8	4·4	3·0	4·1	5·7
September	72·5	69·8	73·8	73·9	4·1	6·2	4·1	6·7	9·6
October	66·8	61·8	69·8	68·8	7·9	8·5	2·6	13·6	17·4
November	60·0	53·0	63·8	63·2	10·2	7·6	1·5	12·5	17·5
December	55·8	46·5	59·5	61·3	14·8	8·4	2·3	13·4	18·3
Year	65·1	59·8	67·3	68·3	8·5	11·4	6·0	14·0	18·9

67. CHANDA.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	60·4	54·0	62·6	64·7	10·7	9·8	2·2	12·5	19·5
February	56·4	48·2	58·7	62·4	14·2	15·0	4·1	18·0	28·1
March	62·8	56·6	64·9	66·8	10·2	19·9	9·3	23·3	32·7
April	69·0	64·7	71·0	71·3	6·6	20·7	11·9	23·2	31·5
May	70·6	66·8*	72·1*	72·9*	6·1	25·1	16·4	27·1	35·3
June	74·2	72·2	74·7	75·7	3·5	10·8	6·1	11·7	15·9
July	73·7	72·1	74·0	75·1	3·0	4·1	1·9	5·8	6·5
August	74·3	72·4	74·8	75·7	3·3	4·4	1·5	5·8	7·7
September	74·0	71·7	74·5	75·8	4·1	5·1	1·4	7·3	9·2
October	70·4	66·1	72·1	73·0	6·9	6·1	1·6	9·8	12·3
November	65·3	58·3	67·2	70·5	12·2	6·1	1·6	6·4	12·3
December	58·5	50·1†	62·0†	63·4†	13·3	6·5	1·0	11·4	15·4
Year	67·5	62·8	69·1	70·6	7·8	11·1	4·9	13·5	18·9

* Mean of 30 days. † Mean of 28 das.

68. SIRONCHA.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours	16 hours.
January . .	Observatory temporarily closed.								
February . .									
March . . .									
April . . .	72·7	70·0*	74·0*	74·0*	4·0	19·0	10·2	16·4	29·1
May . . .	73·5	71·3	74·3	75·0	3·7	23·7	15·3	22·9	32·7
June . . .	75·8	73·8	76·3	77·4	3·6	10·1	6·4	9·5	14·2
July . . .	75·2	73·0	75·3	77·2	4·2	4·2	2·9	4·0	5·6
August . . .	75·6	73·2	76·0	77·5	4·3	3·8	2·4	3·3	5·7
September . .	75·4	72·7	76·4	77·2	4·5	5·3	2·8	5·0	8·6
October . .	72·5	69·2	74·2	74·1	4·9	7·3	3·8	7·5	12·5
November . .	68·0	63·5	69·5	70·9	7·4	6·9	2·7	6·8	12·6
December . .	59·8	52·7	61·8	64·9	12·2	7·8	2·7	7·8	14·8
Year . . .	?	?	?	?	?	?	?	?	?

* Mean of 22 days.

69. CHIKALDA.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January . .	55·0	51·0	55·9	58·1	7·1	7·5	4·6	8·1	11·2
February . .	51·9	47·2	52·6	56·0	8·8	15·4	11·4	17·0	19·9
March . . .	56·7	52·4	57·5	60·2	7·8	18·5	14·1	19·9	23·7
April . . .	60·0	56·7	60·9	62·3	5·6	20·6	16·3	24·0	25·8
May . . .	65·0	62·1	66·4	66·5	4·4	15·7	9·7	15·8	23·1
June . . .	67·6	64·9	68·4	69·4	4·5	5·2	2·2	4·6	9·1
July . . .	66·3	64·9	66·9	68·2	3·3	1·1	0·4	0·5	1·3
August . . .	66·5	64·7	66·6	68·1	3·4	0·6	0·2	0·4	1·2
September . .	65·9	63·2	66·8	67·6	4·4	1·7	1·0	1·9	3·4
October . .	60·4	57·0	62·0	62·2	5·2	7·7	6·3	10·8	10·7
November . .	56·9	52·2	58·7	59·8	7·6	7·3	6·6	10·5	9·7
December . .	52·6	48·1	54·2	55·6	7·5	8·5	6·6	11·3	11·8
Year . . .	60·4	57·0	61·4	62·8	5·8	9·2	6·6	10·4	12·6

70. BULDANA.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January . . .	56·4	51·3	58·2	59·6	8·3	12·8	7·9	14·1	19·6
February . .	53·1	47·1	55·0	57·2	10·1	19·6	14·0	22·2	27·1
March . . .	58·3	53·7	59·5	61·8	8·1	22·8	16·4	24·6	30·2
April . . .	63·2	58·8	65·1	65·6	6·8	23·6	17·9	27·1	31·2
May . . .	68·0	64·4	70·6	68·9	4·5	17·2	10·1	17·4	26·9
June . . .	70·6	67·7*	71·8	72·2	4·5	7·9	3·9	9·7	13·1
July . . .	70·3	67·7	71·3	71·8	4·1	2·8	1·9	4·4	4·8
August . . .	69·8	66·9	70·5	72·0	5·1	3·2	1·9	4·7	5·1
September . .	69·1	66·0	70·5	70·9	4·9	4·5	2·4	5·4	7·8
October . .	64·3	60·6	66·5	65·7	5·1	9·6	6·4	12·4	15·0
November . .	60·3	55·8	62·4	62·8	7·0	8·9	6·3	12·6	13·4
December . .	55·1	49·8	57·8	57·8	8·0	10·5	7·1	14·9	16·5
Year . . .	63·2	59·2	64·9	65·5	6·4	12·0	8·0	14·1	17·6

71. AKOLA.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January . .	58·6	50·2	61·4	64·2	14·0	10·8	4·2	13·2	20·2
February . .	54·1	44·0	57·1	61·3	17·3	16·5	7·6	21·5	28·2
March . . .	61·0	53·6	63·2	66·3	12·7	21·3	12·5	25·1	32·2
April . . .	65·5	59·1	67·7	69·6	10·5	23·5	14·6	28·8	34·6
May . . .	70·7	67·4	71·8	72·8	5·4	21·3	12·5	22·3	31·3
June . . .	73·7	71·0	74·6	75·4	4·4	10·8	5·2	11·2	17·3
July . . .	73·5	71·0	74·3	75·3	4·3	3·9	1·7	5·1	6·7
August . . .	73·6	71·0	74·2	75·5	4·5	4·3	1·5	5·2	7·7
September . .	72·6	69·2	74·2	74·3	5·1	5·5	1·9	7·1	10·7
October . .	67·7	62·1	70·9	70·2	8·1	8·0	2·3	11·9	16·8
November . .	62·4	55·4	65·4	66·3	10·9	8·1	2·0	12·1	17·2
December . .	56·1	47·4	59·7	61·3	13·9	8·6	2·2	12·6	18·4
Year . . .	65·8	60·1	67·9	69·4	9·3	11·9	5·7	14·7	20·1

* Mean of 29 days.

TABLE X.—TEMPERATURE OF EVAPORATION IN 1887.

72. AMRAOTI.

Months.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	59·9	52·5	62·6	64·5	12·0	9·8	4·3	12·2	18·0
February	55·9	47·0	58·5	62·3	15·3	17·1	10·4	20·6	26·2
March	61·8	53·3	65·1	66·9	13·6	20·7	14·5	24·5	30·3
April	65·9	59·2	68·8	69·6	10·4	23·6	17·5	27·9	32·6
May	69·4	63·9	72·9	71·5	7·6	20·8	14·8	24·8	30·2
June	73·7	70·2	75·7	75·3	5·1	9·0	4·9	9·7	14·9
July	73·1	70·1	74·2	74·9	4·8	3·0	1·7	3·6	5·5
August	73·4	70·4	74·5	75·2	4·8	2·4	1·2	4·1	4·7
September	72·5	68·8	74·3	74·3	5·5	4·7	2·0	6·7	9·3
October	67·1	62·6	69·9	68·9	6·3	9·3	4·9	13·1	16·4
November	63·8	57·1	66·7	67·5	10·4	8·4	4·9	11·8	14·8
December	59·0	51·2	62·3	63·6	12·4	8·3	5·1	11·4	14·6
Year	66·3	60·5	68·8	69·5	9·0	11·4	7·2	14·2	18·1

73. MAKHLA.

Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
56·2	52·1*	57·2	59·3	7·2	7·5	3·4	8·6	12·5
54·2	49·4	54·4	58·8	9·4	14·3	7·9	17·3	20·9
58·8	55·2†	59·6	61·6	6·4	18·3	10·7	21·9	26·7
62·4	58·9	63·5	64·8	5·9	21·2	14·8	25·7	28·6
67·8	64·4	69·7	69·2	4·8	16·5	9·2	17·7	25·7
69·7	67·0	70·8	71·4	4·4	5·6	3·1	6·3	9·1
68·5	66·6	68·8	70·0	3·4	0·9	0·7	0·6	1·4
68·4	66·4	68·6	70·2	3·8	1·0	0·7	0·7	1·4
67·8	64·7	69·1	69·6	4·9	1·6	0·9	2·4	3·6
63·4	58·8	65·6	65·8	7·0	5·4	3·5	9·0	9·5
59·2	54·2	60·8	62·7	8·5	6·5	4·4	9·0	10·0
55·6	51·1	56·9	58·9	7·8	6·8	3·9	10·2	10·9
62·7	59·1	63·7	65·2	6·1	8·8	5·3	10·8	13·4

* Mean of 29 days. † Mean of 30 days.

74. NEEMUCH.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	53·0	46·2*	54·3*	58·5†	12·3	10·0	4·3	13·3	16·9
February	?	Imperfect.							
March	61·4	50·7	64·8	68·8	18·1	14·0	10·1	17·8	21·1
April	?	Imperfect.							
May	?	Imperfect.	74·3‡	74·3§	?	?	?	18·8	28·2
June	74·7	71·0	76·4	76·6	5·6	9·4	5·4	10·1	15·2
July	74·3	72·3	74·9	75·7	3·4	2·9	0·9	3·4	5·5
August	73·4	71·2	73·8	75·1	3·9	2·8	1·1	3·5	5·0
September	72·1	68·5‖	73·4	74·3	5·8	5·3	1·6	6·6	10·3
October	63·3	58·2	65·6	66·1	7·9	12·4	5·8	16·8	21·3
November	56·9	50·1	59·5	61·0	10·9	11·2	5·4	15·2	19·7
December	52·6	44·2	55·4	58·3	14·1	10·8	5·3	13·8	19·0
Year	?	?	?	?	?	?	?	?	?

75. NOWGONG.

Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
50·8	47·2§	55·9	59·2	12·0	9·3	2·5	6·6	11·2
51·7	43·8	53·8	57·4	13·6	11·6	3·4	14·9	22·0
59·0	51·9	61·6	63·4	11·5	16·3	6·7	20·4	28·5
63·6	57·2	66·3	67·3	10·1	21·8	12·1	27·1	34·1
69·6	66·1	71·5	71·2	5·1	25·1	15·9	28·8	36·2
75·3	73·7	76·4	75·8	2·1	16·6	10·1	18·3	24·1
77·2	75·6	77·6	78·3	2·7	3·5	1·6	4·5	5·8
76·8	74·9*	77·4	78·2	3·3	3·1	1·4	3·9	5·3
?	Imperfect.	79·4	76·2	?	?	Shade min. imperfect.	4·4	11·2
?	Not recorded.	69·4	68·8	?	?	Shade min. not recorded.	11·0	16·6
?	Imperfect.	60·5	61·6	?	?	Shade min. imperfect.	10·1	16·0
53·6	45·9	56·0	59·0	13·1	7·4	1·7	10·3	15·3
?	?	67·2	68·0	?	?	?	13·4	18·9

* Mean of 27 days. † " " 26 " ‡ Mean of 22 days. ‖ " " 29 " § Mean of 21 days.

76. SUTNA.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours
January	54·3	48·5	56·0	58·3	9·8	6·3	1·8	8·0	12·6
February	51·0	44·1	53·2	55·6	11·5	12·6	4·1	16·9	23·3
March	58·0	51·6	60·8	61·7	10·1	16·5	7·3	21·8	28·3
April	62·4	57·0	65·0	65·1	8·1	22·1	12·2	28·9	34·6
May	68·4	63·6	70·6	70·9	7·3	23·7	16·0	28·5	33·6
June	74·1	71·8	75·4	75·0	3·2	14·8	9·9	18·4	21·0
July	76·1	73·9	76·9	77·4	3·5	3·6	2·0	4·9	6·0
August	75·7	73·5	76·7	76·9	3·4	3·1	1·7	4·8	5·5
September	74·0	72·0	75·2	74·9	2·9	6·2	2·8	8·6	10·7
October	66·0	62·3	68·5	67·1	4·8	8·5	2·9	12·3	16·6
November	57·5	51·2	60·5	60·8	9·6	8·3	3·0	13·7	16·6
December	52·6	44·5	55·9	57·5	13·0	8·4	3·3	12·6	16·7
Year	64·2	59·5	66·2	66·8	7·3	11·2	5·6	15·0	18·8

77. INDORE.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	55·4	48·4	58·4	59·4	11·0	8·9	3·8	13·5	17·0
February	51·7	43·0	54·7	57·3	14·3	14·4	6·9	21·3	25·0
March	57·1	50·8	59·5	60·9	10·1	18·4	9·7	25·6	29·5
April	61·5	55·6	64·0	64·9	9·3	22·0	13·6	29·8	32·9
May	69·1	65·5	72·0	69·8	4·3	18·8	10·1	20·9	30·3
June	72·2	69·5	73·6	73·4	3·9	9·5	4·5	11·6	15·9
July	72·6	70·6	73·3	73·9	3·3	2·1	0·9	3·2	3·9
August	72·1	69·7	72·8	73·7	4·0	2·1	1·0	3·0	4·0
September	71·0	68·2	72·5	72·2	4·0	3·9	1·0	6·5	8·4
October	64·4	59·8	66·9	66·5	6·7	8·8	3·3	14·8	16·7
November	58·1	51·8	61·2	61·4	9·6	7·7	2·7	14·8	15·6
December	55·4	47·3	58·9	60·1	12·8	7·6	2·9	14·4	15·6
Year	63·4	58·4	65·7	66·1	7·8	10·4	5·0	15·0	17·9

78. BICKANEER.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	46·0	41·3	45·0	51·7	10·4	12·0	9·0	15·9	14·0
February	51·5	46·2	51·5	56·8	10·6	14·6	9·5	17·6	19·6
March	59·9	53·7	61·4	64·6	10·9	17·9	12·5	23·1	24·7
April	67·2	62·3	68·2	71·2	8·9	21·1	14·4	26·6	28·7
May	71·8	67·7	72·2	75·4	7·7	25·3	17·1	29·3	34·0
June	67·8	66·9	71·0	75·4	8·5	25·6	16·4	24·5	28·0
July	70·7	66·8	70·5	74·7	7·9	18·3	14·8	20·7	21·6
August	70·7	67·3	70·3	74·6	7·3	16·1	12·8	18·9	18·8
September	71·9	69·2	72·2	74·3	5·1	16·1	8·6	19·5	23·9
October	66·1	62·4	66·9	68·9	6·5	15·2	6·5	21·4	24·7
November	55·8	51·7	56·7	59·1	7·4	16·0	7·8	23·0	24·9
December	50·5	46·8	50·3	54·3	7·5	13·8	6·9	17·2	20·5
Year	62·5	58·5	63·0	66·8	8·2	17·7	11·4	21·5	23·6

79. JEYPORE.

Month.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Minimum.	Difference, Dry and Wet Bulb. Mean.	4 hours.	10 hours.	16 hours	22 hours.	Minima.
January	50·7	46·6	52·0	55·0	49·3	44·5	8·8	4·9	10·5	13·4	6·4	4·6
February	49·7	43·1	52·7	55·8	47·2	41·0	15·8	9·5	19·0	23·6	11·2	8·7
March	55·8	49·9	59·5	61·0	52·9	48·3	20·6	13·6	23·1	29·4	16·2	11·5
April	62·0	56·6	64·7	66·0	60·7	55·8	24·7	16·5	28·3	33·9	20·0	13·9
May	67·8	64·3	71·0	70·1	65·9	63·9	26·6	17·9	28·2	36·7	23·4	15·9
June	73·8	72·1	75·3	74·5	73·2	70·8	17·1	10·5	18·3	25·1	14·5	9·4
July	76·4	75·1	76·5	77·4	76·4	74·3	4·9	2·7	5·7	7·9	3·6	1·8
August	75·7	74·1*	75·9	77·1	75·6	73·4	3·1	1·3	4·1	5·4	1·7	0·6
September	72·4	70·2	73·4	73·8	72·1	69·4	8·7	3·3	11·2	15·5	4·8	2·0
October	63·0	58·5	66·3	66·3	60·8	57·4	15·5	7·9	18·7	24·3	11·1	5·6
November	55·1	48·9	58·7	61·0	51·7	47·5	14·2	7·5	18·5	21·3	9·5	5·3
December	52·3	46·4	55·4	58·1	49·2	43·6	11·6	5·8	14·8	18·5	7·2	5·5
Year	62·9	58·8	65·1	66·3	61·3	57·5	14·3	8·5	16·7	21·3	10·8	7·1

* Mean of 30 days.

TABLE X.—TEMPERATURE OF EVAPORATION IN 1887.

80. SAMBHAR.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minima.	10 hours.	16 hours.
January	49·9	42·7	51·1	56·0	13·3	6·5	3·3	7·4	12·8
February	49·5	39·7	51·9	56·9	17·2	12·8	7·8	13·5	20·6
March	55·5	45·2	59·2	62·0	16·8	18·5	12·3	20·6	26·6
April	62·4	53·8	66·0	67·3	13·5	23·1	14·8	25·2	31·2
May	70·2	65·4	72·5	72·7	7·3	23·4	15·7	23·9	33·1
June	74·0	69·7	76·0	76·4	6·7	16·1	11·1	17·1	23·4
July	75·9	73·7	76·3	77·6	3·9	5·1	3·6	5·3	8·2
August	76·0	73·3	76·1	78·7	5·4	3·1	1·8	4·0	5·0
September	72·9	69·3	74·1	75·3	6·0	8·1	4·7	9·4	14·5
October	64·1	56·4	67·2	68·7	12·3	11·5	6·8	15·2	20·9
November	54·9	44·5	57·8	62·3	17·8	10·0	6·5	14·1	19·0
December	51·7	42·3	53·7	59·0	16·7	7·8	4·4	10·7	16·1
Year	63·1	56·3	65·2	67·7	11·4	12·2	7·7	13·9	19·3

81. AJMERE.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minima.	10 hours.	16 hours.
January	50·6	42·4	52·7	56·6	14·2	7·1	4·1	8·7	13·1
February	50·9	40·2	54·2	58·3	18·1	13·2	7·6	15·8	20·1
March	63·7	53·6	66·6	70·8	17·2	12·0	7·1	14·8	17·9
April	69·3	59·0	72·9	75·9	16·9	16·6	10·5	18·6	22·5
May	76·6	70·4	77·4	82·0	11·6	16·2	11·5	17·0	22·2
June	75·9	73·1	76·6	78·0	4·9	12·4	7·5	13·2	19·6
July	74·9	72·4	75·4	77·0	4·6	4·7	3·1	5·2	7·1
August	74·6	71·6	75·2	77·0	5·4	3·4	2·3	3·6	5·9
September	71·9	67·2	73·4	75·0	7·8	7·8	5·7	8·6	13·1
October	63·2	54·3	67·1	68·1	13·8	11·7	6·1	16·4	21·7
November	55·0	43·2	59·4	62·4	19·2	10·5	5·7	16·3	19·6
December	52·1	41·2	55·9	59·2	18·0	8·4	4·3	12·9	16·3
Year	64·9	57·4	67·2	70·0	12·6	10·3	6·3	12·6	16·6

82. MOUNT ABU.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minima	10 hours.	16 hours.
January	47·0	42·7	48·1	50·2	7·5	9·2	7·2	11·8	12·2
February	46·9	42·8	47·8	50·1	7·3	14·8	11·3	17·6	19·1
March	51·2	47·1	51·4	55·1	8·0	18·3	14·7	20·9	22·1
April	56·9	53·3	57·8	59·7	6·4	20·4	16·5	23·2	25·1
May	61·3	56·5	62·0	65·4	8·9	18·4	15·5	21·1	22·0
June	67·0	63·9	68·1	68·9	5·0	6·6	3·3	6·8	11·1
July	66·7	64·6	67·1	68·5	3·9	1·2	0·6	1·2	2·1
August	65·6	63·8	66·0	67·1	3·3	0·7	0·4	0·7	1·2
September	63·0	58·9	64·0	66·0	7·1	5·7	4·9	8·1	7·5
October	57·7	54·3	59·2	59·7	5·4	12·7	9·9	17·0	16·8
November	52·9	49·1	54·8	54·9	5·8	12·3	9·8	16·5	16·5
December	49·5	45·5	51·0	51·9	6·4	9·1	7·9	11·7	11·9
Year	57·1	53·5	58·1	59·8	6·3	10·8	8·5	13·1	14·0

83. PACHPADRA.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minima.	10 hours.	16 hours.
January	49·7	40·0	51·9	57·3	17·3	10·4	5·1	11·1	17·8
February	50·4	38·3	53·1	59·9	21·6	15·2	8·8	16·5	24·1
March	59·4	47·7	62·5	68·0	20·3	17·1	10·7	16·7	26·6
April	64·9	55·7	68·4	70·7	15·0	21·9	14·3	22·3	32·9
May	74·2	67·1	76·7	78·7	11·6	19·1	11·3	14·3	29·5
June	75·7	71·1	77·6	78·5	7·4	16·6	10·4	13·2	24·5
July	77·2	74·8	77·7	79·2	4·4	9·0	3·6	7·6	14·7
August	75·8	73·5	76·5	77·5	4·0	8·8	3·6	7·3	14·6
September	72·9	68·9*	74·1*	75·6*	6·7	13·9	6·2	10·8	22·8
October	64·4	56·0	67·1	70·2	14·2	17·3	10·1	18·5	27·0
November	54·4	44·3	55·8	63·1	18·8	17·3	10·6	19·0	25·4
December	51·6	41·1	52·6	61·2	20·1	14·0	8·1	13·3	20·8
Year	64·2	56·5	66·2	70·0	13·5	15·1	8·9	14·2	23·4

* Mean of 29 days.

84.—JACOBABAD.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minima.	10 hours.	16 hours.
January	46·6	39·9	47·2	52·7	12·8	8·6	2·0	10·0	15·7
February	51·1	43·4	52·1	57·7	14·3	12·2	3·7	16·0	21·7
March	57·9	50·3	60·0	63·4	13·1	16·9	6·9	24·2	29·0
April	65·1	60·6	66·6	68·2	7·6	20·9	9·4	27·7	33·7
May	68·3	65·0	69·3	70·5	5·5	27·8	13·2	35·4	43·5
June	76·4	74·3	77·9	76·9	2·6	21·1	10·2	21·7	33·5
July	79·6	78·0	80·2	80·7	2·7	17·1	8·0	18·1	26·7
August	78·5	76·8	79·0	79·8	3·0	13·3	4·9	14·8	22·0
September	71·5	67·5	73·6	73·5	6·0	16·7	6·4	18·4	28·9
October	63·6	55·7	66·8	68·4	12·7	15·9	7·3	21·1	27·6
November	54·8	44·5	57·8	62·1	17·6	11·7	4·9	17·4	21·5
December	49·4	39·6	52·4	56·3	16·7	9·7	4·4	13·1	17·9
Year	63·6	58·0	65·2	67·5	9·6	16·0	6·8	19·8	26·8

85.—HYDERABAD.

Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
					Mean.	Minima.	10 hours.	16 hours.
50·7	45·1	52·3	54·6	9·5	9·8	5·6	11·1	15·7
54·2	48·2	56·2	58·2	10·0	13·9	7·1	16·3	22·7
61·6	54·5	64·2	66·0	11·5	16·4	9·3	20·4	26·1
69·2	63·9	71·1	72·5	8·6	16·1	7·8	22·6	26·4
74·6	71·7	75·3	76·7	5·0	16·1	7·1	23·7	25·9
75·8	72·8	76·3	78·3	5·5	15·8	11·1	17·6	20·9
76·8	74·5	77·4	78·4	3·9	10·4	5·9	12·4	15·5
75·0	72·2	75·5	77·4	5·2	9·6	5·9	12·8	13·6
73·1	70·4	73·5	75·4	5·0	11·2	4·5	16·6	18·3
66·7	61·7	68·7	69·6	7·9	15·9	8·7	22·9	25·2
58·2	51·8	60·7	62·2	10·4	15·6	8·3	22·5	25·3
55·6	48·3	58·0	60·4	12·1	11·0	5·6	16·3	18·8
66·0	61·3	67·4	69·1	7·9	13·5	7·2	17·9	21·2

86.—KURRACHEE.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minima.	10 hours.	16 hours.
January	56·0	48·8	56·4	60·5	11·7	7·3	6·1	9·3	11·5
February	59·6	51·8	59·0	63·8	12·0	9·4	6·5	12·6	13·5
March	66·9	60·1	65·7	69·8	9·7	9·1	5·2	13·9	12·7
April	73·9	69·5	74·6	75·2	5·7	6·5	3·3	9·6	10·1
May	78·4	74·8	78·3	79·2	4·4	5·9	4·1	9·0	8·3
June	79·8	77·4	80·1	80·7	3·3	7·0	4·6	9·6	9·5
July	78·5	76·9	78·9	79·5	2·6	4·8	3·2	6·0	6·4
August	75·7	74·1	76·5	76·7	2·6	5·1	3·4	6·4	6·6
September	74·3	72·1	74·8	75·8	3·7	5·8	3·4	7·7	7·4
October	69·5	65·6	70·9	73·5	7·9	9·1	4·0	13·0	12·8
November	60·4	52·3	62·6	67·9	15·6	13·9	9·5	19·0	17·6
December	57·3	48·8	58·4	62·0	13·2	10·9	7·4	13·8	15·9
Year	69·2	64·4	69·7	72·1	7·7	7·9	5·1	10·8	11·0

87.—BHUJ.

Mean.	Minimum	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
					Mean.	Minima.	10 hours.	16 hours.
54·7	47·8	56·6	59·6	11·8	10·4	5·5	11·8	17·3
56·4	48·2	58·4	62·6	14·4	13·6	7·9	15·8	21·3
64·0	58·8	65·2	67·9	9·1	13·6	5·3	18·2	23·2
70·2	65·9	71·0	73·6	7·7	14·1	4·3	20·4	24·7
74·9	71·8	75·7	77·2	5·4	10·9	4·7	16·9	17·8
76·3	74·1	77·0	77·7	3·6	9·1	4·6	12·0	14·3
75·4	73·1	76·7	76·4	3·3	5·0	3·7	6·9	7·5
74·3	71·8	75·4	75·8	4·0	5·4	3·2	6·1	8·5
72·9	70·0	74·2	74·6	4·6	8·1	3·2	11·7	14·2
67·4	61·8	69·9	70·4	8·6	14·6	7·9	19·0	23·9
58·7	51·5	61·9	62·8	11·3	17·6	12·1	22·5	26·2
55·2	47·9	58·0	59·7	11·8	14·4	9·4	16·7	22·1
66·7	61·9	68·3	69·9	8·0	11·4	6·0	14·8	18·4

88. RAJKOT.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	55·1	45·7	57·3	62·3	16·6	9·9	5·3	13·2	16·6
February	57·1	43·7	59·3	68·3	24·6	9·9	7·5	18·1	14·5
March	62·4	55·9	65·3	65·9	10·0	14·8	5·5	19·7	27·0
April	69·2	64·3	72·0	71·3	7·0	15·3	4·6	19·0	28·7
May	74·7	71·6	76·7	75·9	4·3	13·0	3·8	15·7	24·1
June	75·8	74·4	76·6	76·5	2·1	9·2	2·5	12·5	16·5
July	74·4	72·2	75·5	75·5	3·3	4·3	2·6	6·5	7·1
August	74·4	71·9	75·4	75·9	4·0	3·2	1·3	5·2	6·1
September	72·9	70·0	74·0	74·8	4·8	7·2	1·5	9·1	13·9
October	72·2	64·8	75·5	76·3	11·5	8·5	2·6	13·0	17·7
November	63·9	55·9*	67·7*	68·2	12·3	10·7	5·6	17·2	19·5
December	58·5	49·1†	61·4	65·1	16·0	11·0	5·5	16·5	19·2
Year	67·6	61·6	69·7	71·3	9·7	9·8	4·0	13·8	17·6

* Mean of 29 days.
† „ „ 30 „

89. DEESA.

Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
54·8	45·7	56·5	58·7	13·0	11·9	6·1	14·8	21·1
53·3	43·9	55·4	59·4	15·5	18·7	8·5	21·8	27·8
59·6	51·1	62·2	62·3	11·2	20·6	10·0	21·8	32·5
65·1	59·0	66·8	66·5	7·5	24·6	12·7	26·2	35·9
73·2	69·1	73·8	73·2	4·1	18·5	8·1	16·9	31·3
76·0	72·8	76·3	76·1	3·3	13·3	6·9	13·5	22·8
76·1	74·2	76·2	76·8	2·6	5·2	2·5	6·2	9·3
75·3	73·1	75·5	76·4	3·3	4·3	1·7	5·1	7·5
71·7	68·6	73·5	74·2	5·6	9·3	3·3	11·3	18·0
64·0	58·3	67·7	67·3	9·0	17·3	7·0	21·8	28·0
57·2	46·7	62·6	63·4	16·7	18·3	11·7	21·7	26·3
56·1	47·0	58·2	61·6	14·6	14·3	7·1	17·8	22·4
65·2	59·1	67·1	68·0	8·9	14·7	7·1	16·6	23·6

90. SURAT.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	61·0	53·2	64·6	65·1	11·9	6·9	1·8	10·3	15·7
February	60·3	52·3	63·8	64·9	12·6	10·6	3·2	16·0	21·3
March	67·3	62·8	69·3	69·9	7·1	10·5	2·6	15·0	20·3
April	72·2	67·7*	74·3*	74·5*	6·8	11·9	4·1	16·7	21·9
May	77·1	75·0	78·5	77·8	2·8	6·6	3·3	11·2	11·3
June	77·2	75·4	78·1	78·0	2·6	4·6	2·3	8·0	7·9
July	76·3	74·4	77·2	77·3	2·9	2·6	1·7	3·8	4·3
August	76·2	73·9	77·3	77·5	3·6	2·8	1·5	4·1	5·0
September	75·6	73·0	76·7	77·1	4·1	4·8	2·0	7·4	8·6
October	72·1	68·1	74·2	73·9	5·8	9·3	3·3	14·5	17·5
November	66·6	60·5	69·6	69·8	9·3	8·7	3·3	13·3	16·9
December	62·1	55·0†	64·7†	66·6†	11·6	?	Shade Min. Imperfect.	14·1	17·0
Year	70·3	65·9	72·4	72·7	6·8	?	?	11·2	14·0

* Mean of 29 days.
† „ „ 26 „

91. MALEGAON.

Mean.	Minimum	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
55·3	46·2	58·5	61·2	15·0	12·0	4·7	16·3	22·4
54·1	43·4	56·9	62·1	18·7	16·6	9·0	21·7	26·9
59·6	50·7	62·2	65·9	15·2	19·7	12·1	25·3	29·8
63·7	57·3	65·6	68·2	10·9	22·7	15·5	28·7	31·7
70·1	66·2	70·8	73·2	7·0	16·5	7·8	21·6	26·0
72·3	69·6	73·1	74·1	4·5	8·6	4·1	10·8	14·0
71·5	69·3	72·7	72·5	3·2	4·2	2·8	5·9	6·8
71·0	68·3	72·1	72·5	4·2	4·5	2·8	7·6	7·4
69·8	66·3	71·3	71·8	5·5	6·9	3·0	9·4	12·3
65·3	60·6	68·1	67·2	6·6	10·9	4·4	15·3	20·2
60·7	53·5	63·8	64·7	11·2	8·5	3·9	13·1	16·2
55·2	46·1	58·7	60·8	14·7	10·3	4·8	15·0	19·3
64·1	58·1	66·2	67·9	9·7	11·8	6·2	15·9	19·4

92. BOMBAY.

Month.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Minimum.	Difference, Dry and Wet Bulb. Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Minima.
January	67·2	64·2	67·2	69·1	66·7	62·7	5·3	3·9	6·5	8·4	4·9	3·7
February	66·9	63·1	66·1	69·5	66·8	61·2	6·8	5·2	8·6	9·6	5·7	5·5
March	72·3	69·8	72·6	73·6	71·7	68·4	5·5	3·9	7·3	7·9	4·9	4·0
April	76·0	74·2	76·5	76·7	75·9	73·0	5·2	3·2	6·7	8·0	3·8	3·6
May	77·4	76·1	77·7	78·1	76·7	75·4	6·8	5·4	8·5	9·0	6·1	5·3
June	77·4	76·5	77·7	77·9	76·7	74·7	3·6	3·2	4·4	4·8	3·4	2·9
July	76·7	75·9	77·1	76·8	76·4	74·1	2·8	2·5	3·2	3·6	2·8	2·2
August	76·0	74·8	76·6	76·3	75·4	73·5	3·2	2·6	3·5	4·2	3·3	2·2
September	75·5	74·2	75·8	76·0	75·0	73·3	3·4	2·7	4·0	5·2	3·1	2·2
October	75·8	73·7	75·5	77·6	75·1	72·3	5·2	3·8	7·4	6·8	4·3	4·0
November	72·7	69·9	72·0	75·1	72·1	68·8	6·6	5·3	9·0	8·4	5·6	5·0
December	68·9	66·0	67·8	71·9	68·8	64·8	7·3	5·5	9·0	9·7	5·8	5·3
Year	73·6	71·5	73·6	74·9	73·1	70·2	5·1	3·9	6·5	7·1	4·5	3·8

93. POONA.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	58·9	51·2	59·0	61·0	9·8	13·5	1·7	15·4	22·8
February	57·7	49·6	57·3	60·5	10·9	18·7	4·1	21·4	28·9
March	61·9	55·2	60·9	63·5	8·3	20·0	6·2	24·7	29·7
April	65·8	60·6	64·9	66·7	6·1	20·6	8·6	27·5	30·2
May	70·7	67·3	70·7	71·4	4·1	11·2	3·4	15·4	19·3
June	71·2	69·0	71·8	71·9	2·9	5·3	2·1	8·3	8·6
July	70·1	68·4	71·0	70·6	2·2	3·5	1·3	4·9	5·2
August	69·9	67·8	70·7	70·7	2·9	4·2	1·0	5·0	5·9
September	69·7	66·8	70·5	71·0	4·2	4·8	1·2	6·8	7·4
October	66·9	64·2	67·6	67·5	3·3	11·0	2·1	13·1	17·3
November	63·8	58·4	64·2	65·3	6·9	11·6	2·0	13·2	17·0
December	57·9	50·6	58·4	60·9	10·3	12·6	2·4	15·3	19·4
Year	65·4	60·8	65·6	66·8	6·0	11·4	3·0	14·3	17·6

94. SHOLAPUR.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	60·8	51·8	64·3	66·2	14·4	10·9	5·4	13·7	20·0
February	60·1	48·9	64·6	66·8	17·9	14·7	9·3	19·1	24·6
March	64·3	54·5	68·1	70·2	15·7	18·4	12·3	22·7	28·3
April	68·4	62·9*	71·0	71·3	8·4	20·1	12·6	23·9	30·1
May	71·2	66·5†	73·5‡	73·6‡	7·1	14·2	6·6	16·1	24·1
June	71·4	68·9*	72·4	72·8	3·9	8·3	2·7	11·3	15·0
July	70·8	68·3	72·0	72·2	3·9	5·6	1·6	8·4	10·7
August	70·8	67·7	72·1	72·7	5·0	5·0	1·5	7·6	9·7
September	71·2	68·2	72·5	73·0	4·8	5·8	1·8	7·6	10·9
October	68·8	65·2	71·1	70·1	4·9	7·7	3·0	11·4	14·7
November	64·4	59·2	67·0	67·0	7·8	10·0	3·4	14·3	19·1
December	59·0	50·7	63·3	63·1	12·4	10·3	5·5	14·8	19·3
Year	66·8	61·1	69·3	69·9	8·9	10·9	5·5	14·2	18·9

95. RATNAGIRI.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	66·4	59·7	68·5	71·1	11·4	6·8	5·1	13·6	10·5
February	66·6	59·8	68·4	71·7	11·9	7·4	5·7	15·4	10·8
March	70·9	64·7	72·9	75·0	10·3	6·8	6·6	11·2	9·1
April	75·0	71·2	76·6	77·3	6·1	6·0	4·4	9·8	9·1
May	76·7	73·7	78·0	78·3	4·6	6·7	4·7	10·2	10·0
June	75·7	73·1	77·1	76·9	3·8	2·4	2·0	4·5	4·1
July	76·2	73·4	77·5	77·6	4·2	1·6	1·6	3·6	3·0
August	75·9	72·4	77·7	77·6	5·2	1·8	2·0	3·5	3·4
September	74·7	71·5	76·2	76·3	4·8	1·9	1·7	4·2	3·7
October	74·7	71·3	75·9	76·8	5·5	4·2	2·7	10·1	6·9
November	71·8	67·2	72·8	75·5	8·3	6·0	3·5	15·0	9·4
December	67·2	62·1	67·7	71·8	9·7	8·7	3·0	17·9	12·9
Year	72·7	68·3	74·1	75·5	7·2	5·0	3·8	9·9	7·7

* Mean of 29 days. † „ „ 25 „ ‡ Mean of 26 days.

96. BELGAUM.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	58·9	53·0	60·1	61·4	8·4	13·3	3·4	15·7	21·5
February	58·1	52·6	58·1	60·8	8·2	18·6	6·8	22·7	26·8
March	63·3	58·4	61·9	66·1	7·7	15·3	4·3	21·9	22·4
April	67·4	62·7	67·1	69·9	7·2	12·2	3·9	18·7	17·0
May	69·1	65·4	69·1	70·6	5·2	8·4	1·7	12·2	13·1
June	68·1	65·6	69·2	69·1	3·5	3·3	1·0	4·3	4·0
July	67·7	65·4	68·5	68·4	3·0	2·1	0·8	2·9	2·7
August	67·3	64·9	68·5	68·6	3·7	2·4	0·5	3·6	3·5
September	67·3	64·1	68·7	68·9	4·8	3·2	0·4	5·3	4·7
October	67·7	64·2	69·0	68·7	4·5	5·0	0·8	6·7	8·1
November	64·3	60·6	65·4	65·7	5·1	8·3	2·0	9·7	12·8
December	59·2	54·8	60·8	61·2	6·4	10·7	3·4	11·6	16·7
Year	64·9	61·0	65·5	66·6	5·6	8·6	2·4	11·3	12·8

97. KARWAR.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	67·8	62·6	68·8	72·1	9·5	5·6	1·4	7·2	10·6
February	68·0	62·4	68·8	72·9	10·5	6·1	2·0	8·4	10·8
March	73·2	69·9	74·0	75·6	5·7	5·0	1·6	8·4	9·3
April	75·5	72·8	76·1	77·5	4·7	5·3	2·9	8·2	8·3
May	76·2	74·2	76·7	77·6	3·4	6·2	4·0	7·7	8·9
June	74·6	72·3	75·6	75·9	3·6	2·5	1·7	3·5	4·2
July	74·6	72·1	75·8	75·8	3·7	2·3	2·0	3·9	3·8
August	74·1	72·1	75·1	75·2	3·1	1·9	1·0	3·3	3·7
September	73·4	71·3	74·2	74·8	3·5	2·5	1·0	4·0	4·7
October	74·1	71·2	74·9	76·1	4·9	2·7	1·1	4·8	5·1
November	72·9	69·0	74·0	75·7	6·7	4·5	1·6	6·0	8·4
December	68·5	63·7	68·9	72·8	9·1	3·3	3·2	10·2	11·9
Year	72·7	69·5	73·6	75·2	5·7	4·3	2·0	6·3	7·5

98. GOPALPUR.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	?	Not recorded.	69·0	69·3	?	?	Shade Minimum not recorded.	8·4	7·9
February	?		68·7	71·2	?	?		10·8	8·0
March	?		76·6	77·1	?	?		5·5	4·9
April	?		78·2	79·0	?	?		5·9	5·3
May	?		81·4	81·6	?	?		5·4	4·9
June	?		80·3	81·2	?	?		5·9	4·5
July	?		78·8	79·4	?	?		5·2	4·3
August	?		79·4	80·1	?	?		5·2	4·9
September	?		79·3	79·6	?	?		7·0	7·0
October	?		76·6	76·9	?	?		7·8	6·5
November	?		71·3	71·4	?	?		7·6	8·0
December	?		64·4	65·8*	?	?		9·4	9·8
Year	?		75·4	76·1	?	?		7·0	6·3

99. VIZAGAPATAM.

Month.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Minimum.	Difference, Dry and Wet Bulb. Mean.	4 hours.	10 hours.	16 hours	22 hours.	Minima.
January	68·7	67·0	68·7	69·7	69·3	63·1	7·5	6·2	7·9	9·5	6·3	8·6
February	70·0	68·5	69·4	71·9	70·3	64·2	8·5	6·8	9·7	9·8	7·6	10·0
March	74·9	74·5	74·4	75·5	75·2	71·0	8·2	6·8	9·5	8·9	7·4	9·2
April	76·9	76·8	76·1	77·3	77·2	72·7	8·6	6·6	10·5	9·6	7·7	9·9
May	80·4	79·6	80·2	81·0	80·7	76·5	8·7	7·6	9·9	9·6	7·9	10·3
June	78·5	78·0	78·6	78·8	78·5	75·1	8·1	7·1	8·9	9·1	7·4	9·5
July	77·0	76·5	76·9	77·5	77·0	73·5	7·1	6·0	7·3	8·6	6·6	8·4
August	77·9	77·4	77·7	78·5	78·0	74·1	7·4	6·6	8·2	8·1	6·8	9·2
September	78·1	77·8	77·6	78·5	78·3	74·4	7·6	6·2	8·4	9·1	6·7	8·8
October	75·7	75·3	75·5	75·8	76·1	71·7	7·5	6·4	8·2	8·6	6·7	9·2
November	71·3	70·8	70·8	71·9	71·7	66·9	7·6	6·0	8·7	8·8	6·8	8·7
December	65·4	64·5	64·7	66·2	66·2	59·8	10·0	8·2	11·2	11·5	9·1	11·3
Year	74·6	73·9	74·2	75·2	74·9	70·3	8·1	6·7	9·0	9·3	7·2	9·4

* Mean of 30 days.

100. RAJAHMUNDRY.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	65·6	62·4	67·5	66·9	4·5	10·4	2·6	11·2	17·5
February	66·5	63·1	68·4	68·0	4·9	12·8	3·8	13·2	21·5
March	72·1	70·3	72·9	73·0	2·7	12·4	3·9	13·5	20·0
April	73·8	71·9	74·9	74·6	2·7	13·5	4·9	14·5	21·1
May	75·2	73·4	76·7	75·6	2·2	18·6	9·4	19·6	26·8
June	75·2	74·0	75·8	75·7	1·7	12·1	5·7	13·4	17·3
July	74·4	73·1	75·0	75·2	2·1	7·3	3·7	8·2	9·8
August	75·1	73·7	75·9	75·8	2·1	6·9	3·4	7·8	9·4
September	74·9	73·5	75·9	75·4	1·9	9·4	3·6	11·2	13·4
October	72·7	70·9	74·0	73·3	2·4	8·9	3·7	11·4	11·5
November	69·3	67·0	70·6	70·3	3·3	8·7	2·9	10·7	12·4
December	62·8	59·0	64·4	65·0	6·0	11·8	4·4	14·7	16·3
Year	71·5	69·4	72·7	72·4	3·0	11·1	4·3	12·4	16·4

101. MASULIPATAM.

Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
69·8	64·7	72·4	72·4	7·7	4·6	1·3	7·0	7·9
70·7	65·3	73·8	72·9	7·6	5·1	1·0	8·0	9·5
74·7	70·8	76·8	76·5	5·7	5·4	1·2	9·1	8·9
77·1	73·8	78·8	78·7	4·9	6·0	1·9	10·2	9·6
78·8	76·1	80·1	80·3	4·2	13·3	6·6	17·4	19·7
78·7	75·3	80·1	80·8	5·5	7·3	3·8	10·3	11·4
77·1	74·0	78·1	79·1	5·1	6·0	3·0	7·5	10·0
77·9	74·7	78·7	80·4	5·7	4·3	1·6	6·0	7·7
78·3	74·9	79·7	80·4	5·5	5·4	1·9	7·2	8·9
77·8	74·1	79·6	79·6	5·5	3·0	1·2	5·1	5·0
73·3	70·1	74·9	74·9	4·8	4·1	0·8	5·7	7·0
68·5	63·0	70·4	72·2	9·2	5·0	1·9	7·5	7·3
75·2	71·4	77·0	77·4	6·0	5·8	2·2	8·4	9·4

102. SECUNDERABAD.

Month.	Mean.	Minimum.	10 hours.	16 hours.	22 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.	22 hours.
January	62·6	56·9	64·4	67·9	61·0	11·0	8·4	2·1	9·8	15·3	8·0
February	63·6	57·3	66·0	68·9	62·0	11·6	11·8	4·2	12·6	19·7	12·0
March	69·0	64·0	71·7	72·7	67·1	8·7	14·4	5·8	15·2	23·3	14·8
April	71·7	68·0	73·7	73·8	70·6	5·8	14·6	6·6	16·0	23·2	14·5
May	72·5	68·8	73·5	75·7	71·0	6·9	16·8	9·7	17·5	25·3	16·4
June	73·0	70·2	73·4	74·9	72·8	4·7	7·3	3·1	8·9	12·5	6·2
July	71·2	68·7	71·5	73·3	71·0	4·6	4·8	2·3	5·6	7·7	4·2
August	71·0	68·4	71·7	72·6	71·0	4·2	5·1	2·6	6·3	8·8	3·4
September	71·3	68·5	72·4	72·5	71·3	4·0	6·1	2·4	8·0	10·5	4·0
October	68·2	65·6	69·8	69·3	67·8	3·7	8·5	3·5	10·7	14·1	6·6
November	64·5	60·8	65·9	67·0	64·0	6·2	7·9	3·1	10·7	13·0	5·9
December	60·3	54·7	62·6	64·9	58·9	10·2	8·1	2·7	10·2	14·3	7·2
Year	68·2	64·3	69·7	71·1	67·4	6·8	9·5	4·0	11·0	15·6	8·6

103. KURNOOL.

Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
62·6	54·9	65·8	67·0	12·1	12·2	3·6	13·4	19·8
64·8	57·0	67·2	70·3	13·3	14·8	4·4	17·1	22·7
68·4	63·9	71·0	70·3	6·4	18·4	7·3	19·7	28·3
72·4	71·1*	73·8	72·2	1·1	17·8	6·1	19·0	28·5
73·1	72·3	73·9	73·2	0·9	17·1	6·6	16·8	27·7
72·7	70·1	73·8	74·2	4·1	10·5	4·3	11·4	15·8
71·8	69·1	72·8	73·5	4·4	8·3	3·8	8·6	12·4
72·3	69·3	73·2	74·5	5·2	7·4	3·4	7·2	11·5
73·0	69·7	74·0	75·3	5·6	7·1	3·4	7·4	10·5
71·0	68·5	73·3	73·1	4·6	8·8	2·9	10·5	13·0
68·0	63·5	70·0	70·5	7·0	9·2	2·1	10·9	14·5
63·7	57·4	66·2	67·5	10·1	10·0	2·9	11·8	15·4
69·5	65·6	71·3	71·8	6·2	11·8	4·2	12·8	18·3

* Mean of 28 days.

TABLE X.—TEMPERATURE OF EVAPORATION IN 1887.

104. BELLARY.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	62·6	55·4	65·6	66·7	11·3	11·5	6·0	12·5	20·1
February	62·0	54·0	65·2	66·9	12·9	15·8	9·5	17·4	25·1
March	66·4	60·1	69·0	70·2	10·1	18·3	11·8	18·3	27·3
April	70·6	65·6	73·7	72·6	7·0	16·8	11·0	17·8	25·5
May	71·5	68·0	72·7	73·9	5·9	15·6	7·4	15·4	24·8
June	72·0	69·3	73·1	73·6	4·3	8·9	4·7	10·8	14·2
July	70·7	68·3	71·3	72·5	4·2	8·2	4·9	9·9	12·0
August	71·0	68·2	71·8	73·1	4·9	8·2	3·7	9·4	13·4
September	71·2	68·3	72·2	73·1	4·8	7·8	4·0	8·7	12·6
October	70·5	67·4	72·1	72·0	4·6	6·4	2·9	9·2	11·4
November	67·9	64·3	69·8	69·6	5·3	6·7	1·9	9·8	13·3
December	63·5	58·6	66·0	65·9	7·3	7·6	2·7	10·0	14·9
Year	68·3	64·0	70·2	70·8	6·9	11·0	5·8	12·4	17·9

105. MANGALORE.

Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
70·4	66·4	71·1	73·8	7·4	5·9	2·8	9·9	9·5
70·3	66·6	70·3	74·0	7·4	7·3	3·7	12·5	10·8
74·8	72·4	75·5	76·5	4·1	6·0	3·5	9·0	9·2
76·2	73·2	77·2	78·1	4·9	6·1	4·4	8·4	8·9
76·3	74·4	76·8	77·7	3·3	5·8	3·1	7·8	8·9
74·3	72·0	75·4	75·5	3·5	2·1	1·6	3·0	3·6
74·6	71·7	76·0	76·1	4·4	1·8	1·6	2·8	3·3
74·5	72·1	75·5	75·9	3·8	2·2	1·5	3·4	3·9
73·8	71·3	74·8	75·3	4·0	2·3	1·4	3·6	4·1
74·7	72·0	75·8	76·4	4·4	2·6	1·5	4·6	4·6
73·8	71·0	74·5	76·0	5·0	4·8	2·6	8·0	7·6
69·7	66·5	69·8	72·8	6·3	8·4	4·8	13·1	12·1
73·6	70·8	74·4	75·7	5·0	4·6	2·7	7·2	7·2

106 A. MERCARA.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	58·6	52·3	60·9	62·6	10·3	6·6	2·8	8·4	12·6
February	58·8	52·6	60·8	63·1	10·5	9·0	3·8	12·2	16·0
March	64·3	59·5	65·6	67·8	8·3	5·8	1·7	10·7	11·1
April	66·3	62·0	68·0	69·0	7·0	4·2	1·9	9·4	8·1
May	66·1	62·5	67·2	68·7	6·2	3·3	1·2	5·3	6·3
June	64·0	61·8	65·4	64·9	3·1	0·5	0·9	1·4	1·4
July	63·0	61·0	64·4	63·6	2·6	0·1	0·8	0·5	0·7
August	63·5	61·2	64·8	64·6	3·4	0·5	0·7	1·6	1·4
September	Discontinued.								
October									
November									
December									
Year									

106 B. MERCARA (CIVIL DISPENSARY).

Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
57·8	52·5	59·9	61·0	8·5	8·1	5·1	8·2	13·1
56·5	51·1	58·5	59·9	8·8	10·8	6·0	13·5	17·5
62·7	58·5	63·6	66·1	7·6	7·0	3·1	12·0	11·6
65·6	61·4	67·2	68·2	6·8	4·3	2·1	9·7	8·0
65·4	61·7	66·8	67·8	6·1	3·3	1·9	5·3	6·0
63·2	60·9	64·4	64·3	3·4	0·6	0·7	1·8	1·6
62·5	60·6	63·7	63·2	2·6	0·2	0·6	1·0	1·0
63·1	60·9	64·2	64·3	3·4	0·5	0·7	1·9	1·3
62·2	59·4	63·4	63·8	4·4	1·2	1·0	3·0	2·6
63·6	60·5	65·2	65·2	4·7	1·9	1·4	4·1	3·9
62·8	59·8	64·1	64·6	4·8	2·3	1·4	4·2	4·3
59·3	55·7	60·3	61·9	6·2	4·3	2·2	4·8	7·4
62·1	58·6	63·4	64·2	5·6	3·7	2·2	5·8	6·5

107. BANGALORE.

Month.	Mean.	Minimum.	10 hours.	16 hours.	22 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.	22 hours.
January	60·7	55·7	62·9	64·4	59·9	8·7	7·4	1·9	8·7	14·8	5·5
February	60·3	53·8	63·0	64·4	59·8	10·6	10·2	3·2	12·4	18·7	7·7
March	65·9	59·6	69·2	69·4	64·9	9·8	11·1	5·4	11·0	19·0	10·6
April	68·9	64·2	71·4	71·4	67·6	7·2	10·9	4·9	10·4	18·5	11·5
May	69·3	64·5	70·3	72·6	68·6	8·1	8·8	3·1	9·6	15·5	9·2
June	68·0	63·9	68·8	71·1	67·4	7·2	4·6	2·1	5·9	7·6	4·3
July	66·8	63·2	67·6	69·4	66·4	6·2	4·3	1·6	5·5	7·7	3·6
August	67·9	64·0	68·4	71·2	67·2	7·2	4·4	1·6	5·2	8·0	3·8
September	67·4	63·0	68·3	70·8	66·7	7·8	4·3	1·5	5·2	8·1	3·3
October	66·6	63·2	68·3	68·8	65·5	5·6	3·9	1·7	5·6	6·1	3·2
November	64·9	60·9	66·4	67·7	64·1	6·8	4·1	1·8	5·6	6·7	3·5
December	61·6	57·5	62·7	65·0	61·1	7·5	4·6	2·0	5·7	7·5	4·6
Year	65·7	61·1	67·3	68·8	64·9	7·7	6·6	2·6	7·6	11·5	5·9

108. CUDDAPAH.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	67·3	62·8	68·9	70·1	7·3	9·9	2·0	10·9	17·0
February	66·6	61·0	68·6	70·2	9·2	14·2	4·8	15·3	22·4
March	70·7	66·6	72·6	72·8	6·2	18·2	9·0	18·5	27·1
April	73·0	70·4	74·9	73·8	3·4	18·5	8·9	18·7	27·8
May	73·9	70·7	75·2	75·8	5·1	19·1	12·2	18·5	26·7
June	74·1	72·1	74·7	75·6	3·5	12·3	5·7	13·1	17·9
July	73·2	71·2	73·8	74·6	3·4	10·9	5·2	11·9	15·6
August	73·9	71·9	74·4	75·4	3·5	8·7	3·6	9·7	12·9
September	73·9	72·0	74·5	75·3	3·3	8·1	3·3	9·1	11·9
October	73·6	71·7	74·7	74·4	2·7	7·1	2·4	8·6	10·4
November	71·2	68·5	72·6	72·6	4·1	5·3	1·6	6·3	7·8
December	67·7	63·8	69·1	70·3	6·5	6·4	2·6	6·9	9·6
Year	71·6	68·6	72·8	73·4	4·9	11·6	5·1	12·3	17·2

109. MADRAS.

Month.	Mean.	Minimum.	10 hours.	16 hours.	22 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.	22 hours.
January	70·2	66·1	72·9	72·6	69·5	6·5	4·7	0·8	7·4	8·2	3·2
February	70·3	65·1	72·6	73·6	69·9	8·5	5·5	0·8	9·4	9·3	3·4
March	74·8	70·2	76·2	77·5	74·7	7·3	5·1	1·4	9·4	7·3	3·4
April	78·9	75·1	81·1	80·7	77·9	5·6	4·8	1·5	8·3	6·8	4·1
May	79·4	76·0	79·8	81·2	79·9	5·2	9·0	6·4	15·5	10·1	5·6
June	78·3	74·9	79·3	80·2	77·9	5·3	7·5	4·5	10·3	10·8	6·0
July	76·9	73·9	77·0	79·4	76·5	5·5	8·2	4·9	10·8	11·9	6·2
August	77·2	74·5	77·3	78·9	77·5	4·4	5·0	2·5	8·3	7·1	3·2
September	76·7	73·6	77·5	78·5	76·7	4·9	5·1	2·9	8·7	6·5	2·9
October	76·3	74·2	77·1	77·2	76·2	3·0	3·2	1·2	4·9	5·2	2·4
November	74·2	71·9	75·6	75·3	73·7	3·4	3·4	1·1	5·2	5·5	2·2
December	71·8	69·6	73·2	72·6	71·6	3·0	3·5	1·6	4·9	5·6	3·1
Year	75·4	72·1	76·6	77·3	75·2	5·2	5·4	2·5	8·6	7·9	3·8

110. SALEM.

Month.	Mean.	Minimum.	10 hours.	16 hours.	22 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours	16 hours.	21 hours.
January	69·6	59·9	73·1	75·5	69·9	15·6	6·7	3·0	7·0	12·5	5·8
February	69·2	59·5	70·9	76·1	69·8	16·6	8·9	3·1	10·3	15·9	8·0
March	73·0	65·9	75·2	78·0	72·2	12·1	9·8	3·0	10·5	17·5	10·0
April	75·8	70·1	77·7	78·8	75·2	8·7	8·7	2·9	9·6	16·5	8·4
May	75·8	69·8	77·1	79·7	75·3	9·9	8·4	2·8	10·2	15·7	7·2
June	74·1	67·3	75·6	77·7	74·5	10·4	5·5	2·9	7·2	10·0	3·8
July	73·6	67·0	75·0	77·0	74·3	10·0	6·1	2·6	7·9	11·2	4·4
August	73·9	67·1	75·3	77·8	74·3	10·7	5·8	2·7	7·1	10·9	3·9
September	73·6	66·0	75·4	77·6	74·0	11·6	5·7	2·7	7·0	10·5	4·1
October	72·6	64·5	74·8	76·3	73·8	11·8	4·5	3·1	5·8	7·3	3·5
November	71·0	61·8	74·2	75·6	71·8	13·8	4·4	3·8	5·7	6·5	3·1
December	68·7	59·8	71·1	73·9	70·1	14·1	5·1	3·9	6·3	6·9	4·6
Year	72·6	64·9	74·6	77·0	72·9	12·1	6·6	3·0	7·9	11·8	5·6

TABLE X.—TEMPERATURE OF EVAPORATION IN 1887.

111. WELLINGTON.

Month.	Mean.	Minimum.	10 hours.	16 hours.	22 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.	22 hours.
January	49·3	40·7	52·4	55·2	49·1	14·5	7·6	5·1	12·5	9·6	4·4
February	48·4	41·1	49·7	54·4	48·4	13·3	9·7	5·2	15·9	12·7	6·3
March	53·5	48·2	55·2	57·0	53·3	8·8	9·1	4·5	13·8	12·5	6·7
April	57·5	53·0	58·8	60·2	57·1	7·2	6·2	2·5	10·4	9·3	4·4
May	58·8	53·6	61·2	61·5	57·8	7·9	6·1	3·2	10·4	9·0	3·5
June	57·9	54·4	60·0	59·3	57·1	4·9	4·1	3·0	6·0	5·3	3·3
July	56·4	53·2	58·4	58·5	54·8	5·3	5·6	4·4	7·1	6·9	5·0
August	57·8	53·4	60·1	60·4	56·3	7·0	4·3	2·7	7·2	5·5	3·2
September	56·7	51·7	58·9	59·9	55·3	8·2	4·9	3·1	7·9	6·3	3·3
October	57·1	53·2	59·4	59·2	56·3	6·0	3·0	2·1	4·9	3·9	2·0
November	56·2	51·9	58·0	58·9	55·8	7·0	2·4	1·7	4·6	2·8	1·1
December	53·5	48·7	55·4	56·5	53·4	7·8	2·8	1·8	5·3	3·7	1·4
Year	55·3	50·3	57·3	58·4	54·6	8·2	5·5	3·3	8·8	7·3	3·7

112. CALICUT.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	Untrustworthy.								
February									
March									
April	77·6	75·3	77·8	79·8	4·5	5·3	2·3	7·5	8·3
May	77·2	74·7	77·7	79·2	4·5	4·8	1·7	7·3	8·3
June	74·4	72·2	74·9	76·1	3·9	2·4	1·0	3·1	4·2
July	74·2	71·7	74·8	76·0	4·3	2·1	0·9	3·1	3·9
August	74·9	72·7	75·5	76·5	3·8	2·8	1·1	4·2	5·1
September	73·9	71·5	74·6	75·7	4·2	2·7	1·2	3·5	4·7
October	74·9	72·4	75·7	76·6	4·2	3·4	1·7	4·9	5·8
November	74·9	71·8	75·7	77·1	5·3	4·0	1·5	5·7	7·4
December	72·1	68·6	72·9	74·9	6·3	5·5	2·2	8·6	9·4
Year	?	?	?	?	?	?	?	?	?

113. COIMBATORE.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	65·3	55·8	68·4	71·8	16·0	9·8	8·2	8·0	14·8
February	64·3	53·8	68·4	70·7	16·9	11·9	9·5	10·2	18·8
March	69·0	61·5	72·7	72·9	11·4	11·6	8·6	10·1	18·9
April	72·6	66·6	75·6	75·5	8·9	10·0	7·1	9·3	17·3
May	72·2	65·8	74·5	76·3	10·5	7·8	6·0	9·6	12·2
June	70·0	64·1	72·8	73·1	9·0	5·5	6·2	6·5	7·1
July	69·4	63·2	72·4	72·6	9·4	6·7	6·7	7·5	9·1
August	70·7	64·4	73·4	74·3	9·9	7·1	6·1	6·8	10·2
September	69·8	62·8	73·0	73·6	10·8	6·7	6·4	8·1	9·8
October	70·3	64·1	73·2	73·7	9·6	5·3	6·0	5·6	7·3
November	69·9	63·6	72·5	73·5	9·9	5·6	6·7	5·4	7·1
December	66·9	60·2	69·4	71·0	10·8	5·5	6·9	6·0	7·0
Year	69·2	62·2	72·2	73·3	11·1	7·8	7·0	7·8	11·6

114. TRICHINOPOLY.

Month.	Mean.	Minimum.	10 hours.	16 hours.	22 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.	22 hours.
January	69·6	65·3	71·1	72·3	69·9	7·0	7·8	2·0	9·3	15·2	5·6
February	69·1	65·0	70·9	71·2	69·3	6·2	9·7	2·2	11·1	20·0	6·6
March	72·1	68·3	74·3	73·8	71·6	5·5	11·5	4·0	11·8	21·9	9·7
April	76·0	74·1	76·7	77·2	75·4	3·1	10·2	3·2	11·9	18·9	8·2
May	75·7	73·0	76·3	77·3	75·7	4·3	12·4	5·8	14·2	21·7	9·3
June	74·2	71·5	75·6	75·9	73·3	4·4	10·2	5·7	12·5	16·1	7·9
July	74·3	71·3	75·5	75·9	74·1	4·6	10·9	6·3	12·4	17·5	8·6
August	75·2	71·8	76·1	77·3	75·0	5·5	8·7	4·2	10·4	16·4	4·8
September	74·2	71·0	75·0	76·0	74·3	5·0	9·6	4·7	11·7	16·5	6·2
October	74·7	71·0	76·1	76·3	74·8	5·3	4·8	2·7	5·9	8·4	3·3
November	73·4	69·8	74·8	75·0	73·8	5·2	4·1	2·2	6·0	6·7	2·2
December	71·4	66·8	73·4	73·8	71·3	7·0	3·4	3·7	4·1	4·7	2·2
Year	73·3	69·9	74·7	75·2	73·2	5·3	8·6	3·9	10·1	15·3	6·2

TABLE X.—TEMPERATURE OF EVAPORATION IN 1887.

115. NEGAPATAM.

Month.	Mean.	Minimum.	10 hours.	16 hours.	22 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.	22 hours.
January	71·4	68·2	73·2	72·7	71·6	4·5	5·4	2·3	6·9	7·8	5·4
February	71·7	68·1	73·2	73·4	72·1	5·3	6·5	2·9	8·9	9·1	5·7
March	75·1	71·6	77·0	76·7	74·9	5·1	5·8	2·0	8·1	8·8	5·1
April	78·2	75·4	79·3	79·4	78·1	4·0	5·4	2·1	8·2	7·6	4·5
May	78·1	75·3	77·4	80·2	78·9	4·9	7·9	3·8	12·8	11·6	4·7
June	76·4	73·3	76·6	78·4	76·6	5·1	6·9	3·5	11·1	9·9	4·6
July	75·6	72·9	75·2	77·4	76·4	4·5	8·2	4·1	11·5	12·4	6·0
August	76·9	73·8	77·0	79·3	76·9	5·5	6·0	2·8	8·7	8·9	4·6
September	76·6	73·1	76·6	79·2	76·9	6·1	6·7	3·2	8·9	10·4	4·7
October	76·0	73·3	76·5	77·8	76·0	4·5	3·6	1·1	5·2	5·5	3·6
November	74·7	72·5	75·7	75·8	74·9	3·3	3·8	1·2	4·8	5·3	4·3
December	72·9	70·8	73·5	73·9	73·4	3·1	3·1	1·5	3·9	4·4	3·4
Year	75·3	72·4	75·9	77·0	75·6	4·7	5·8	2·5	8·3	8·5	4·7

116. MADURA.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	68·2	64·6	70·0	70·1	5·5	10·1	3·2	10·8	17·2
February	68·2	63·8	70·4	70·4	6·6	11·5	4·5	12·8	19·7
March	71·4	66·8	74·1	73·4	6·6	11·5	5·0	12·8	20·8
April	74·7	71·9	76·2	75·9	4·0	10·7	4·7	13·0	18·5
May	75·0	71·1	76·4	77·6	6·5	12·0	6·8	14·3	19·2
June	73·4	69·9	75·1	75·1	5·2	9·1	6·0	13·6	14·0
July	72·5	68·7	74·1	74·6	5·9	12·2	8·2	15·8	17·5
August	73·2	69·7	74·5	75·3	5·6	10·4	5·8	13·4	15·9
September	72·7	68·8	74·6	74·8	6·0	10·8	6·5	14·3	16·3
October	73·4	70·6	74·8	74·8	4·2	6·3	2·6	8·7	10·7
November	72·4	69·9	73·7	73·5	3·6	5·9	2·8	7·9	9·0
December	70·1	67·1	71·6	71·6	4·5	5·6	4·0	6·7	7·4
Year	72·1	68·6	73·8	73·9	5·4	9·7	5·0	12·0	15·5

117. COCHIN.

Month.	Mean.	Minimum.	10 hours.	16 hours.	22 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.	22 hours.
January	72·5	69·5	72·8	74·5	73·4	5·0	6·8	2·6	10·4	10·6	4·3
February	72·3	69·2	72·4	75·1	72·6	5·9	7·5	2·7	11·8	11·2	4·8
March	76·1	74·4	76·8	77·6	75·6	3·2	6·1	1·9	8·5	8·9	5·7
April	77·2	75·0	78·3	78·7	76·2	3·7	5·2	2·4	7·0	7·7	4·7
May	76·9	74·7	77·7	77·8	76·9	3·1	4·7	1·6	6·4	7·5	4·1
June	74·1	72·1	74·6	75·1	74·2	3·0	2·0	0·5	3·1	3·5	1·8
July	74·5	72·2	75·4	75·6	74·4	3·4	2·8	1·1	4·1	4·5	2·1
August	75·2	73·4	76·0	76·1	74·9	2·7	3·0	0·8	4·7	4·8	2·3
September	74·4	72·5	75·0	75·4	74·3	2·9	3·1	1·0	4·4	5·2	2·4
October	75·1	72·9	75·8	76·4	74·8	3·5	3·3	0·8	5·1	5·7	2·3
November	75·1	73·2	76·3	76·2	74·8	3·0	4·4	1·0	6·7	7·3	3·0
December	73·1	70·8	73·5	74·4	73·6	3·6	5·5	2·3	8·2	9·2	3·4
Year	74·7	72·5	75·4	76·1	74·6	3·6	4·5	1·6	6·7	7·2	3·4

118. BHAMO.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	56·4	49·1	57·9	62·2	13·1	3·4	0·8	2·8	7·4
February	58·7	50·0	60·3	65·9	15·9	5·0	0·9	3·9	10·5
March	65·4	58·7*	66·3*	71·3	12·6	5·5	2·1	6·1	9·7
April	71·0	64·6	72·6	75·9†	11·3	7·6	3·0	8·5	13·7
May	78·2	71·6*	80·6	82·4*	10·8	1·8	0·6	3·7	5·3
June	78·5	74·4‡	79·9	81·3	6·9	1·2	0·4	2·7	3·2
July	78·8	74·6§	78·6	83·2*	8·6	1·4	0·4	3·5	2·1
August	77·0	74·0	78·0	79·0	5·0	2·3	0·5	3·1	5·1
September	77·7	74·3	78·5	80·4	6·1	2·5	0·6	3·5	5·1
October	72·9	68·4	74·2	76·2	7·8	?	Shade minima untrustworthy.	4·1	7·0
November	65·2	58·9	66·9	69·8	10·9	?		4·6	6·8
December	57·1	48·4	59·0	64·0	15·6	?		3·9	9·0
Year	69·7	63·9	71·1	74·3	10·4	?	?	4·2	7·1

* Mean of 30 days. † ,, ,, 29 ,, ‡ Mean of 23 days. § ,, ,, 24 ,,

TABLE X.—TEMPERATURE OF EVAPORATION IN 1887.

119. KENDAT.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	?	Imperfect.	60·5†	63·4‡	?	?	?	2·8	6·2
February	?	Not recorded	63·5§	68·8	?	?	?	4·6	9·4
March	?	Untrustworthy.	70·6*	74·2*	?	?	?	6·5	8·6
April	?		76·2†	76·8	?	?	?	11·0	11·5
May	?		80·1	80·3	?	?	?	6·1	6·6
June	?		81·1§	82·6‖	?	?	?	4·0	5·3
July	?		80·9*	82·8†	?	?	?	2·4	2·4
August	?		81·5†	84·5†	?	?	?	1·9	1·5
September	?		80·7†	82·2‖	?	?	?	2·9	3·3
October	?		78·3	79·5	?	?	?	3·4	4·6
November	?	Imperfect.	71·9*	74·9†	?	?	?	2·6	3·7
December	?	Do.	64·7*	70·6‡	?	?	?	2·0	4·5
Year	?	?	74·2	76·7	?	?	?	4·2	5·6

* Mean of 29 days.
† " " 28 "
§ " " 27 "

120 MANDALAY.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	60·9	53·5	62·8	66·3	12·8	7·2	3·3	6·1	13·1
February	61·4	54·1	63·5	66·5	12·4	11·1	4·3	11·3	20·0
March	66·6	61·3‡	68·9	69·7	8·4	14·8	7·7	15·5	24·1
April	72·8	68·9	75·0	74·5	5·6	15·6	8·7	16·1	24·6
May	76·6	72·8	78·2	78·9	6·1	9·5	5·9	10·8	14·6
June	77·1	73·7	77·9	79·7	6·0	8·3	4·9	9·4	12·5
July	76·2	73·1	77·4	78·2	5·1	6·6	4·7	8·2	9·5
August	76·4	72·9	77·7	78·7	5·8	5·0	3·6	6·6	7·5
September	76·5	72·9	77·9	78·7	5·8	6·0	3·9	6·7	9·5
October	75·0	70·9	77·1	76·9	6·0	6·8	3·8	9·3	12·0
November	70·0	64·8	72·5	72·8	8·0	7·1	3·4	7·8	13·2
December	62·7	55·5	65·1‡	67·4	11·9	7·8	3·3	7·9	14·7
Year	71·0	66·2	72·8	74·0	7·8	8·8	4·8	9·6	14·6

‡ Mean of 30 days.
‖ " " 24 "

121. AKYAB.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	61·9	55·8	63·9	65·9	10·1	7·2	4·0	6·7	10·5
February	62·3	54·8	64·7	67·5	12·7	9·2	4·5	9·6	11·4
March	70·3	66·0	71·7	73·2	7·2	8·7	4·2	9·0	10·8
April	74·6	71·4	75·7	76·7	5·3	9·6	4·5	11·5	11·1
May	77·4	74·8	78·4	79·0	4·2	6·7	4·5	6·8	7·2
June	78·0	75·4	79·2	79·4	4·0	5·6	4·8	4·4	5·4
July	77·3	74·6	78·6	78·5	3·9	3·6	4·1	2·5	2·9
August	76·6	74·2	77·4	78·3	4·1	4·1	3·3	2·8	4·3
September	77·1	74·4*	78·2*	78·6	4·2	4·4	3·9	3·6	4·6
October	76·6	73·4	78·2	78·3	4·9	5·9	4·2	5·1	7·8
November	73·3	69·1	75·2	75·7	6·6	6·0	4·0	4·9	8·0
December	65·7	60·1	67·4	69·7	9·6	7·5	4·5	6·3	10·4
Year	72·6	68·7	74·1	75·1	6·4	6·5	4·2	6·1	7·9

* Mean of 29 days.

122. THAYETMYO.

Month.	Mean.	Min'mum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	60·0	49·8	63·3	67·0	17·2	7·0	0·9	8·4	16·2
February	61·4	50·8	64·9	68·5	17·7	9·5	1·4	10·0	21·0
March	69·0	61·6	72·0	73·4	11·8	11·7	3·4	14·2	22·9
April	74·6	70·6	77·0	76·2	5·6	12·3	4·4	14·5	22·5
May	78·1	73·6	80·5	80·1	6·5	5·5	3·0	8·4	10·5
June	77·3	74·4	78·6	78·9	4·5	4·9	1·9	7·5	9·1
July	77·4	74·4	78·7	79·0	4·6	2·5	1·4	5·0	4·9
August	77·1	73·8	78·6	79·0	5·2	3·2	1·4	5·5	6·3
September	76·8	73·7	78·3	78·4	4·7	2·8	1·2	4·8	5·9
October	75·9	71·4	77·6	78·7	7·3	4·3	1·1	5·7	9·1
November	70·9	64·7	73·5	74·5	9·8	6·4	1·3	8·9	14·1
December	63·6	54·7	66·7	69·4	14·7	6·8	1·2	9·6	15·5
Year	71·8	66·1	74·1	75·3	9·1	6·4	1·9	8·5	13·2

TABLE X.—TEMPERATURE OF EVAPORATION IN 1887.

123. TOUNGOO.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minima.	10 hours.	16 hours.
January	61·7	51·5	64·4	69·1	17·6	6·8	3·8	5·3	12·5
February	64·2	55·0	67·4	70·2	15·2	9·1	4·5	9·0	16·9
March	70·9	64·3	74·3	74·2	9·9	11·0	5·7	11·5	19·6
April	76·2	71·1	78·6	78·8	7·7	9·9	5·7	11·5	16·5
May	77·0	72·5	79·3	79·1	6·6	5·9	4·3	6·9	9·8
June	76·4	71·9	78·4	78·8	6·9	3·2	3·4	3·7	5·1
July	75·7	72·1	77·4	77·7	5·6	2·1	3·0	2·4	2·7
August	76·0	71·9	77·8	78·2	6·3	2·9	3·4	3·2	4·2
September	75·9	71·9	78·0	77·8	5·9	2·7	3·3	3·1	4·1
October	75·1	69·8	78·0	78·3	8·5	4·9	4·0	4·2	7·9
November	72·5	66·0	74·5	77·0	11·0	5·7	4·0	5·7	9·3
December	65·9	57·7	68·2	71·7*	14·0	5·8	3·8	6·4	10·1
Year	72·3	66·3	74·7	75·9	9·6	5·8	4·1	6·1	9·9

124. BASSEIN.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minima.	10 hours.	16 hours.
January	65·4	59·1	67·5	69·7	10·6	6·1	1·1	7·8	13·0
February	66·2	61·5	68·2	69·0	7·5	7·7	1·3	10·6	15·9
March	71·6	68·6	73·1	73·0	4·4	7·8	1·2	11·0	15·9
April	75·8	73·7	76·9	76·8	3·1	6·7	1·5	10·7	12·9
May	76·9	75·0*	78·5	77·1	2·1	2·9	1·2	5·8	6·2
June	76·9	75·0	78·2	77·4	2·4	1·5	0·9	4·0	3·5
July	76·3	74·7	77·5	76·8	2·1	1·8	0·8	3·1	3·8
August	76·2	74·4	77·2	77·0	2·6	1·5	0·6	3·2	3·3
September	76·4	74·5	77·5	77·3	2·8	1·7	0·7	3·4	3·7
October	76·2	73·6	77·8	77·3	3·7	2·4	0·7	5·7	5·6
November	73·9	70·2	75·3	76·2	6·0	4·5	1·1	8·1	9·3
December	67·8	63·3	68·9	71·3	8·0	6·7	1·3	10·6	13·0
Year	73·3	70·3	74·7	74·9	4·6	4·3	1·0	7·0	8·8

* Mean of 30 days.

125. DIAMOND ISLAND.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minima.	10 hours.	16 hours.
January	68·9	67·1	69·9	69·8	2·7	5·9	2·5	8·2	10·1
February	68·9	66·7	69·9	70·0	3·3	5·4	2·8	8·2	9·0
March	73·3	71·6	73·9	74·3*	2·7	4·4	1·7	7·8	7·7
April	76·6	75·0	77·4	77·3	2·3	4·7	2·1	8·2	8·1
May	77·2	75·5	78·5	77·6	2·1	3·1	1·3	5·6	6·1
June	76·3	73·9	77·4	77·5	3·6	1·9	0·5	4·6	4·5
July	75·8	73·3	77·3	76·9	3·6	1·3	0·4	3·8	3·5
August	75·7	73·4	76·7	76·9	3·5	1·5	0·4	3·6	3·7
September	76·0	73·7	77·4	76·8	3·1	1·6	0·4	3·9	4·2
October	75·9	73·9	77·2	76·6	2·7	3·1	1·2	5·7	6·3
November	74·7	73·2	75·7	75·2	2·0	4·0	1·2	6·5	7·8
December	70·5	68·0*	70·8*	72·8*	4·8	6·2	3·5	7·9	9·1
Year	74·2	72·1	75·2	75·1	3·0	3·6	1·5	6·2	6·7

126. RANGOON.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minima.	10 hours.	16 hours.
January	65·8	59·8	67·4	70·3	10·5	8·3	2·1	8·6	15·9
February	66·4	60·9†	68·4	69·9	9·0	9·8	2·9	8·5	18·7
March	72·2	68·9	73·4	74·2	5·3	8·6	2·5	8·7	16·0
April	76·2	73·1	77·2	78·3	5·2	7·5	3·4	10·2	12·5
May	76·7	74·0	78·4	77·7	3·7	2·3	1·6	4·3	4·7
June	76·7	74·1	78·4	77·6	3·5	1·4	1·6	2·7	2·8
July	76·2	73·7	77·7	77·3	3·6	1·2	1·6	2·2	2·1
August	76·3	73·9	77·8	77·2	3·3	1·5	1·5	2·1	2·9
September	76·4	74·1	78·2	77·0	2·9	1·5	2·4	2·5	2·2
October	76·7	74·3	78·6	77·3	3·0	3·0	2·5	4·7	5·2
November	73·8	69·8	76·1	75·6	5·8	6·3	4·4	7·2	10·3
December	70·3	65·0	72·1	73·8	8·8	7·0	3·8	8·0	12·0
Year	73·6	70·1	75·3	75·5	5·4	4·9	2·5	5·8	8·8

* Mean of 30 days.

† Mean of 27 days.

127. MOULMEIN.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean	Minima.	10 hours.	16 hours.
January	67·5	61·5	65·6	71·3	9·8	7·3	1·5	8·2	15·2
February	68·6	63·7	70·8	71·3	7·6	8·2	1·7	9·2	16·9
March	73·1	69·9	74·8	74·7	4·8	6·7	1·5	9·3	13·4
April	76·5	73·0*	78·4*	78·0*	5·0	5·6	1·8	7·7	11·3
May	76·7	73·5	78·3	78·3	4·8	2·4	1·1	5·1	5·3
June	75·9	73·1	77·0	77·6	4·5	1·9	0·7	3·0	4·1
July	75·5	73·0	76·7	76·8	3·8	1·2	0·7	2·2	2·8
August	75·8	73·2	76·8	77·5	4·3	1·6	0·6	3·5	3·4
September	76·2	73·3	77·4	77·8	4·5	0·8	0·5	2·0	2·3
October	75·6	71·9	77·1	77·8	5·9	3·8	1·1	6·3	8·0
November	72·5	68·0	74·5	75·0	7·0	6·2	2·2	9·6	12·2
December	68·4	63·9	70·2	71·0†	7·1	8·1	2·3	11·4	15·8
Year	73·5	69·8	75·1	75·6	5·8	4·5	1·3	6·5	9·2

* Mean of 28 days.
† „ „ 30 „

128. MERGUI.

Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
72·9	64·7	75·8	78·2	13·5	2·9	1·9	5·4	6·8
73·5	65·9	76·0	78·6	12·7	3·2	1·6	5·5	7·3
74·4	67·0	77·2	78·9	11·9	4·0	3·8	5·5	7·0
76·1	71·4	77·8	79·0	7·6	3·3	1·1	6·0	7·2
75·6	71·8	77·6	77·5	5·7	1·6	1·5	3·5	3·5
75·2	72·0	76·8	76·9	4·9	1·5	1·3	3·5	3·2
75·1	72·1	76·7	76·4	4·3	1·2	1·3	2·6	2·8
75·0	71·8	76·3	77·0	5·2	2·1	1·4	3·5	3·9
74·5	71·6	76·0	75·9	4·3	1·9	1·4	3·4	3·9
74·8	71·2	76·2	77·1	5·9	3·0	1·3	5·3	6·0
72·4	66·6	74·8	75·9	9·3	3·2	1·5	6·7	7·1
69·7	62·7	72·3	74·1	11·4	4·4	1·5	10·0	9·8
74·1	69·1	76·1	77·1	8·1	2·7	1·6	5·1	5·7

129. COCOS ISLAND.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
January	Imperfect.								
February	Untrustworthy.								
March	Imperfect.								
April	Not recorded.		79·7	79·2*	?	?	?	7·6	7·6
May	Ditto.		79·1	79·0	?	?	?	5·6	5·3
June	Ditto.		78·8	78·6*	?	?	?	3·5	4·5
July	?	Untrustworthy.	78·3	78·1	?	?	?	3·3	2·7
August	?		78·0	78·2	?	?	?	3·0	3·4
September	?		78·7	78·0	?	?	?	2·9	2·7
October	?		78·5	77·3	?	?	?	5·5	4·8
November	?		77·4	75·8	?	?	?	6·3	5·3
December	?		74·6	73·8	?	?	?	7·7	6·7
Year	?		?	?	?	?	?	?	?

130. PORT BLAIR.

Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minima.	10 hours.	16 hours.
74·5	70·6	75·7	77·1	6·5	5·0	3·8	6·1	7·4
73·4	69·5	74·9	75·9	6·4	5·3	3·0	6·9	9·0
75·9	72·1	77·1	78·6	6·5	5·1	3·2	7·3	8·1
78·9	75·6	80·2	80·8	5·2	4·1	1·9	6·3	7·7
77·7	74·6	79·5†	78·9	4·3	2·8	2·8	4·6	4·6
76·7	73·9	78·0	78·1	4·2	2·1	2·0	3·5	3·6
76·4	73·9	77·9	77·4	3·5	2·3	2·4	4·1	3·6
76·3	73·4	77·9	77·6	4·2	2·1	2·2	3·5	3·6
76·9	74·4	78·3	78·1	3·7	2·5	1·7	4·8	4·5
77·0	73·9	79·0	78·0	4·1	2·1	1·4	4·2	4·9
76·5	73·2	78·3	78·0	4·8	3·3	2·6	5·4	5·8
75·8	73·3	77·4	76·8	3·5	4·0	2·7	5·9	6·7
76·3	73·2	77·9	77·9	4·7	3·4	2·5	5·2	5·8

* Mean of 29 days.

† Mean of 30 days.

TABLE X.—TEMPERATURE OF EVAPORATION IN 1887.

131. NANCOWRY.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minima.	10 hours.	16 hours.
January	75·3	73·7	76·3	75·8	2·1	4·4	3·2	7·1	6·7
February	74·4	72·2	75·7	75·4	3·2	3·8	2·4	5·9	6·3
March	75·0	72·3	76·6	76·0	3·7	3·6	2·6	6·4	6·3
April	77·6	75·3	79·2	78·4	3·1	3·3	1·9	6·8	6·1
May	76·8	74·0*	78·7	77·7	3·7	2·6	2·0	4·4	5·1
June	76·4	74·3	77·8	77·2	2·9	1·8	0·6	4·6	4·3
July	76·6	74·1	78·2	77·5	3·4	2·6	1·5	4·8	5·3
August	76·6	73·4	78·4	77·9	4·5	1·3	1·4	4·3	5·1
September	76·4	73·6	78·3	77·3	3·7	2·8	2·1	5·2	5·3
October	76·1	73·6	77·8	76·8	3·2	2·8	1·9	5·8	5·5
November	75·4	73·3	77·1	75·9	2·6	2·7	1·8	6·2	5·2
December	75·2	73·4	76·5	75·6	2·2	3·3	2·3	5·9	5·6
Year	76·1	7·36	77·6	76·8	3·2	2·9	2·0	5·6	5·6

* Mean of 30 days.

TABLE XI.—TENSION OF ATMOSPHERIC VAPOUR IN 1887. (138 STATIONS).

	1. BAGHDAD.				2. ADEN.				3. BUSHIRE.				4. AMINI DIVI.				5. QUETTA.			
MONTH.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours	16 hours.	From Minima.
January					·648	·670‡	·643*	·630*	·321	·332	·343	·287	·799	·833	·830	·741	·166	·177	·178	·144
February					·593	·629	·562	·587	·319	·335	·348	·274	·779	·795	·803	·745	·177	·191	·195	·146
March					668	·721	·658*	·625	·367	·376	·388*	·338	·849	·856	·874	·821	·134	·144	·121	·138
April					·720	·798	·701	·662	·546	·550	·570	·519§	·847	867	·872	·806	·224	·238	·211	·223
May	Observatory opened in October 1887.				·756	·855	·785	·629	?	·742	·856	Shade min. not recorded.	·855	·879	·876	·815	·232	·243	·228	·225
June					·803	·911‡	·811	·688‡	?	·910	·891	Do. Shade min.	·856	·893	·895	·787	·340	·383	·315	·321
July					·757	·835*	·714	·721*	?	·870	·941	Imperfect.	·842	·876	·874	·779	·467	·467	·412	·521*
August					·823	·879	·828	·763	·933	·965	·983	·851	·837	·871	·859	·786	·443	·459	·394	·476
September					·895	·570	·910	·805	846	·883	·908	·748	·824	·855	·839	·774	·295	·284	·255	·345
October	·615	·638	·794*	·414	·735	·746	·762*	·697	·664	·650	·755	·587	·833	·872	·851	·781	·247	·284	·284	·174
November	·442	·457	·550	·320†	·659	·683	·673	·620	·515	·477	·601	·467	·815	·837	·836	·779	·142	·156	·152	·117
December	·319	·341*	·344*	·272	·656	·680	·647*	·642*	·430	·436	·470	·384	·765	·789	·796	·719	·156	·172	·167	·128
Year	?	?	?	?	·726	·781	·725	·672	?	·627	·671	?	·825	·852	·850	·778	·252	·267	·243	·247

* Mean of 30 days. ‡ Mean of 29 days. ‖ Mean of 26 days.
† „ „ 28 „ § „ „ 20 „

	6. LEH.						7. MOOLTAN.				8. D. I. KHAN.				9. PESHAWAR.				10. MURREE.			
MONTH.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	·062	·044*	·063*	·086†	·053*	Shade min. untrustworthy.	?	Imperfect.		Shade min. not recorded	·182	·218	·229	·099	·217	·238	·234	·179	·153	·153	·170	·137
February	Wet bulb hygrometer not recorded.						?	·227	·219	Shade min imperfect.	·175	·203	·224	·097	·248	·280	·279	·184	·205	·208	·230	·178
March	Imperfect.					Shade min. untrustworthy.	?	·295	·275		·207	·250	243	·129	·287	·318	·290	·252	·230	·254	·271	·166
April	·103	·114	·092	·088	·119	Do.	·400	·359	·409	·432	·279	·344	·278	·214	·361	·377	·370	·337	·203	·206	·206	·198‖
May	·116	·132	·120	·050‡	·118	Do.	·347	·382	·428	·231‖	·304	·331	·363	·218	·343	·360	·372	·296	·184	·198	·175	·178
June	·151	·162	·164	·128	·151	Do.	·436	·449	·541	·319†	·566	·648	·582†	·469	·444	·486	·465	·380	·268	·275	·270	·259
July	·228	·215	·257	·238‡	·203‡	Do.	?	·750	·805	Shade min. imperfect.	·853	·933	·911	·715	·842	·915	·875	·737	·573	·590	·621	·597
August	·263	·254	·284	·269	·243	Do.	·895	·866	·929	·890	·817	·891	·877	·684	·822	·866	·785	·814	·574	·585	·643‡	·494
September	·140	·137	·138	·139§	·145	Do.	·804	·788	·902	·721	·564	·650	·587	·454	·558	·587	·589	·498	·347	·370	·397	·274
October	·106	·114	·114	·074	·123	Do.	·537	·522	·626	·464	·366	·419	·405	·274	·397	·428	·414	·349	·238	·250	·255‡	·208
November	·090	·073	·082	·102	·102	Do.	·326	·360	·396	·222	·228	·273	·278	·134	·273	·310	·310	·198	·133	·133	·150	·115
December	·083	·061	·074	·117‡	·081	Do.	·290	·329	·373	·168	·199	·229	·252	·115	·225	·244	·250	·181	·132	·123	·150	·124
Year	?	?	?	?	?	?	?	?	?	?	·395	·449	·437	·300	·418	·451	·436	·367	·270	·279	·295	·237

* Mean of 27 days. ‡ Mean of 30 days. ‖ Mean of 29 days.
† „ „ 26 „ § „ „ 28 „

	11. RAWALPINDI.				12. SIALKOT.				13. LAHORE.						14. LUDHIANA.			
MONTH.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January .	.245	·260	·246	·228	·298	·316	·318	·259	·258	·243	·272	·248	·271	·235	·306	·317	*329	·272
February .	·207	·224*	·196*	·202*	·280	·299	·302	·239	·221	·210	·228	·205	·242	·209	·223	·240	·199	·230
March .	·285	·310	·280	·265	·346	·363	·363	·313	·278	·279	·291	·249	·293	·268	·288	·293	·242	·330
April .	·325	·351	·312	·312	·515	·568	·574	·404	·343	·339	·348	·326	·357	·342	·328	·318	·281	·286
May . .	·380	·451	·375	·313	·563	·643	·644	·402	·315	·337	·336	·255	·333	·328	·367	·371	·308	·421
June .	·413	·436†	·390	·412†	·617	·661	·656	·535	·561	·587	·569	·510	·578	·547	·568	·573	·522	·608
July . .	·814	·833	·811	·798	·915	·940	·936	·869	·889	·883	·894	·880	·899	·839	·859	·865	·854	·857
August .	·834	·868	·844	·789	·912	·929	·945	·862	·935	·922	·935	·923	·959	·883	·934	·944	·946	·912
September	·550	·580‡	·533‡	·536‡	·693	·696	·735	·649	·682	·681	·684	·655	·708	·648	·708	·726	·698	·700
October .	·381	·396	·356	·392	·450	·460	·436	·454	·427	·424	·431	·411	·442	·429	·479	·486	·474	·477
November.	·218	·237	·221	·197	·342	·352	·389	·285	·269	·258	·267	·254	·295	·260	·287	·295	·282	·285
December .	·232	·244	·262	·189	·284	·293	·323	·236	·260	·243	·274	·254	·270	·242	·275	·304	·288	·234
Year .	·407	·433	·402	·386	·518	·543	·552	·459	·453	·451	·461	·431	·471	·436	·469	·478	·452	·476

* Mean of 26 days.
† „ „ 29 „
‡ Mean of 28 days.

	15. CHAMBA.						16. KAILANG.				17. SIMLA.				18. DELHI.			
MONTH.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January .	·227	·220	·226	·233	·227	·210	?	·084	·091	Shade min. not recorded.	·157	·156	·188	·127	·295	·312	·313	·259
February .	·219	·203	·224	·229	·221	·206	?	·104	·101		·146	·142	·167	·128	·190	·224	·222	·125
March .	·239	·233	·256	·227	·239	·240	?	·138	·139		·164	·157*	·181§	·154*	·295	·318	·324	·243
April .	·283	·265*	·329	·264	·272	·286	·150	·167	·156*	·128‡	·214	·202‖	·205¶	·234¶	·318	·317	·343	·294
May . .	·267	·261	·300	·246	·261	·293	·164	·180	·159	·152	Dry and wet bulb imperfect.				·439	·449	·434	·435
June . .	·379	·376*	·389	·366	·384	·391	·217	·238	·203	·209	·377	·393‖	·404‖	·335‖	·604	·628	·578	·606
July . .	·732	·720	·733	·735	·738	·705†	·355	·399	·336	·331	·541	·552	·577	·493	·891	·924	·994	·754
August .	·732	·703	·739	·764	·723	·687	·348	·385	·347	·312	·531	·540	·571	·481	·896	·953	·962	·773
September.	·531	·483	·528	·597*	·515	·470	·201	·223	·193	·188	·378	·396	·424	·315	·769	·781	·861	·665
October .	·348	·330	·358	·367	·338	·341	·142	·165	·127	·133	·262	·254	·306	·227	·506	·524	·503	·492
November .	·214	·191	·215	·248	·203	·205	·119	·128	·135	·095	·163	·158	·203	·129	·312	·305	·304	·326
December .	·189	·168	·201	·207	·180†	·184	·107	·120	·121	·079	·135	·117	·167	·120	·296	·299	·297	·291
Year .	·363	·346	·375	·374	·358	·352	?	·194	·176	?	?	?	?	?	·484	·503	·511	·439

* Mean of 29 days.
† „ „ 30 „
‡ Mean of 24 days.
„ „ 28 „
‖ Mean of 20 days.
¶ „ „ 21 „

TABLE XI.—TENSION OF ATMOSPHERIC VAPOUR IN 1887.

19. SIRSA. 20. CHAKRATA. 21. MUSSOOREE. 22. DEHRA. 23. ROORKEE.

Month.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	9½ hours.	15½ hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	·247	·277	·240	·223	·158	·160	·172	·141	·158	·158†	·180†	·136	?	·303	·300	Shade minimum not recorded.	·296	·313	·295	·281
February	·228	·255	·263	·166	·147	·146	·165	·130	·156	·160	·186	·121	?	·261‡	·252§		·252	·278	·216	·263
March	·322	·361	·389	·215	·164	·166	·171	·156	·178	·192	199	·143	?	·295	·263		·282	·294	·226	·325
April	·439	·487	·505	·324	·211	·220	·200	·212	·213	·236	·229	·175	?	·323	·280		·311	·338	·228	·367
May	·440	·472	·504	·344	·261	·271	·263	·248	·292	·329	·311†	·235†	?	·422	·363		·413	·436	·333	·470
June	·606	·652	·584	·582	·375	·385	·407	·334	·407	·450	·439	·332	?	·642	·613		·612	·654	·522	·661
July	·859	·871	·852	·853	·552	·562	·583	·506	·553	·576	·597	·487	?	·831	·862		·863	·872	·855	·863
August	·917	·937	·921	·894	·543	·564	·568	·498	·543	·576	·571	·483	?	·818	·852		·884	·901	·903	·849
September	·682	·719	·659	·669	·463	·473	·508	·408	·455	·489	·508	·368	?	·708	·730		·762	·807	·754	·725
October	·445	·486	·430	·419	·310	·334	·335	·260	·321	·349	·366	·248	?	·487	·488†		·508	·542	·482	·499
November	·274	·305	·284	·233	·188	·187*	·212*	·164*	·218	·230	·265	·158	?	·350	·357		·334	·356	·338	·307
December	·262	·291	·287	·209	·156	·156	·171	·140	·162	·169	·191	·127†	?	·272	·270		·280	·297	·289	·254
Year	·477	·509	·493	·428	·294	·302	·313	·266	·305	·326	·337	·251	?	·476	·469		·483	·507	·453	·489

* Mean of 29 days.
† „ „ 30 „
‡ Mean of 27 days.
§ „ „ 26 „

24. RANIKHET. 25. PITHORAGARH. 26. MEERUT. 27. BAREILLY. 28. AGRA.

Month.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima
January	·197	·210	·216	·166	·211	·234	·211	·189	·296	·303	·295	·291	·329	·336	·341	·309	·323	·346	·342	·282
February	·207	·220	·234	·168	·201	·220	·191	·192	·218	·224	·178	·253	·331	·346	·355	·291	·235	·251	·247	·207
March	·249	·273	·274	·201	·239	·269	·219	·230	·284	·291	·228	·333	·468	·473	·487	·444	·260	·296	·223	·261
April	·311	·341	·352	·239	·301	·334	·298	·272	·320	·315	·252	·393	·582	·588	·642	·517	·319	·347	·320	·289†
May	·326	·337	·342	·299	·402	·433	·394	·378	·476	·480	·428	·520	·894	·909	·949	·824	·422	·448	·361	·458
June	·443	·449	·454	·425	·521	·558	·523	·481	·663	·698	·589	·701	·845	·863	·840	·833	·658	·687	·604	·684
July	·592	·604	·624	·547	·650	·668	·682	·599	·929	·933	·929	·924	·924	·940	·933	·899	·925	·946	·949	·881
August	·583	·592	·615	·541	·636	·660	·659	·589	·920	·935	·934	·890	·919	·932	·953	·873	·949	·973	·985	·888
September	·508	·531	·545	·447	·571	·604	·594	·514	·754	·767	·762	·733	·829	·850	·855	·782	·805	·832	·827	·756
October	·339	·358	·362	·297	·392	·431	·383	·363	·508	·522	·515	·486	·549	·587	·555	·505	·543	·556	·573	·499
November	·245	·259	·270	·205	·277	·314	·263	·254	·312	·310	·343	·283	?	·419	·381	Shade min. untrustworthy	·320	·332	·321	·307
December	·193	·210	·208	·167	·218	·257	·198	·200	·287	·295	·297	·269	·340	·370	·364	·287*	·316	·335	·335	·279
Year	·350	·365	·375	·309	·385	·415	·385	·355	·497	·506	·479	·506	?	·634	·638	?	·506	·529	·507	·483

* Mean of 28 days. † Mean of 22 days.

29. LUCKNOW. 30. GORAKHPUR. 31. JHANSI. 32. ALLAHABAD.

MONTH.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	From Minima.
January	·316	·334	·328	·287	·347	·369	·354	·319	·307	·312	·320	·288	·367	·348	·385	·347	·387	·336
February	·218	·233	·196	·225	·315	·329	·314*	·303	·228	·212	·244*	·227	·254	·267	·256	·197	·297	·268
March	·305	·311	·278	·327	·385	·392	·349	·414	·252	·259	·267	·229	·320	·352	·343	·244	·339	·346
April	·429	·447	·438	·402	·505	·538	·477	·499	·300	·273	·283	·345	·380	·417	·392	·291	·418	·402
May	·545	·554	·526	·554	·685	·727	·636	·692	·433	·463	·411	·424	·519	·565	·538	·431	·541	·542
June	·787	·814	·777	·770	·869	·882	·884	·840	·655	·680	·606	·679	·782	·852	·809	·676	·790	·806
July	·920	·941	·944	·876	·921	·937	·920	·906	·902	·922	·930	·853	·944	·928	·955	·945	·947	·894
August	·921	·941	·954	·869	·927	·947	·947	·888	·895	·912	·927	·845	·954	·935	·965	·961	·953	·908
September	·826	·849	·825	·803	·847	·877	·831	·833	·787	·830	·786	·744	·848	·853	·880	·807	·851	·832
October	·549	·592	·523	·532	·650	·672	·639	·640	·515	·527	·485	·534	·603	·600	·625	·549	·636	·589
November	·347	·363	·347	·332	·459	·483	·462	·431	·344	·356	·341	·336	·405	·405	·423	·352	·438	·389
December	·305	·338	·308	·269	·363	·388	·384	·316	·302	·301	·297	·307	·333	·319	·354	·293	·365	·301
Year	·539	·560	·537	·521	·606	·628	·600	·590	·493	·504	·491	·484	·559	·570	·577	·508	·580	·551

* Mean of 27 days.

33. BENARES. 34. GHAZIPUR. 35. KATMANDU. 36. SIBSAGAR. 37. TEZPUR.

MONTH.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours	From Minima	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	·347	·368	·347	·326	·358	·390	·352	·331	·235	·258	·259	·187	·422	·459	·448	·358	·405	·442	·410	·364
February	·229	·231	·192	·264	·268	·309	·228	·267	·247	·261	·291	·188	·437	·485	·457	·368	·435	·476§	·441§	·388
March	·288	·309	·215‡	·339	·343	·385	·289	·355	·296	·300	·334	·255	·565	·588	·591	·516	·564	·579	·610	·503
April	·355	·389	·256	·420	·445	·487	·408	·439	·408	·423	·451	·350	·674	·711	·704	·606	·663	·725	·664	·601
May	·509	·531	·415‡	·580	·616	·653	·600	·594	·518	·526	·526	·502	·849	·880	·880	·787	·832	·863	·872	·761
June	·794	·823	·733	·826	·880	·913	·894	·833	·637	·678	·660	·572	·916	·939	·957	·851	·887	·909	·945	·806
July	·911	·927	·913	·894	·933	·972	·941	·886	·676	·688	·702	·637	·979	1·013	1·022	·902	1·062	1·150	1·204	·832
August	·927	·953	·944	·884	·932	·969	·957	·869	·652	·664	·679	·614	·951	·991	·984	·877	1·082	1·131	1.181	·934
September	·824	·868	·790	·815	·840	·897	·832	·790	·628	·635	·657	·591	·953	·981	·988	·889	·982	1·114‖	1·030¶	·801
October	·610	·633	·590	·608	·607	·667	·571	·584	·465	·464	·529	·402	·799	·843	·840	·715	·860	·955‖	·925†	·700
November	·395	·409	·389	·387	·402	·458	·388	·359*	·362	·356	·456*	·274	·573	·624	·599	·497	·658	·784	·723	·466
December	·323	·345	·329	·296	·345	·400	·340	·295†	·250	·252	·324	·173‡	·424	·489	·464	·320	·478	·592	·486	·356
Year	·543	·566	·509	·553	·581	·625	·567	·550	·448	·459	·489	·395	·712	·750	·745	·641	·742	·810	·791	·636

* Mean of 29 days.
† ,, ,, 28 ,,
‡ ,, ,, 30 ,,

§ Mean of 27 days.
‖ ,, ,, 23 ,,
¶ ,, ,, 22 ,,

Month.	38. Dhubri. Mean.	10 hours.	16 hours.	From Minima.	39. Tura. Mean.	10 hours.	16 hours.	From Minima.	40. Silchar. Mean.	10 hours.	16 hours.	From Minima.	41. Darjeeling. Mean.	10 hours.	10 hours.	From Minima.
January	·409	·430	·410	·386	?	·390	·394	Shade minimum not recorded.	·422	·465	·427	·374	?	·200‡	·207*	Shade minimum imperfect
February	·401	·435	·392	·375	?	·369	·339		·398	·462	·353	·378	·214	·222	·240§	·180¶
March	·531	·567	·518	·509	?	·480†	·436		·593	·631	·591	·557	·255	·275	·280	·209
April	·680	·706	·682	·651	?	·651	·624		·684	·730	·690	·633	·332	·361	·366*	·269*
May	·815	·828	·844	·774	?	·794	·790		·837	·872	·858	·780	·418	·445	·447‡	·362
June	·887	·899	·905	·856	?	·849	·854		·903	·922	·951	·835	·473	·498	·505‖	·417
July	·955	·966	·982	·918	?	·880	·888		·933	·954	·959	·885	·515	·546	·543†	·455
August	·918	·943	·927	·885	?	·853	·847		·914	·937	·943	·863	·495	·515	·529*	·442‖
September	·896	·917	·904	·866	?	·850	·859		·912	·935	·929	·871	·472	·499	·511‖	·407
October	·766	·794	·764	·739	?	·727	·748		·800	·842	·811	·746	·363	·389	·400‖	·301
November	·601	·626*	·614	·562	?	·582	·615		·623	·656	·653	·559	·273	·284*	·317†	·217*
December	·439	·464	·455	·399	?	·457	·464		·432	·484	·453	·360	·199	·206	·233	·157
Year	·692	·715	·700	·660	?	·687	·655		·704	·741	·718	·653	?	·370	·382	?

* Mean of 29 days. § Mean of 26 days. ¶ Mean of 22 days.
† „ „ 30 „ ‖ „ „ 27 „
‡ „ „ 28 „

Month.	42. Pedong. Mean.	10 hours.	16 hours.	From Minima.	43. Purneah. Mean.	10 hours.	16 hours.	From Minima.	44. Durbhunga. Mean.	10 hours.	16 hours.	From Minima.	45. Patna. Mean.	10 hours.	16 hours.	From Minima.	46. Gya. Mean.	10 hours.	16 hours.	From Minima.
January	·263	·278	·276	·236	·370	·410	·376	·324	·400	·421	·414	·366	·381	·405	·396	·343	·336	·346	·336	·327
February	·281	·305*	·289§	·249*	·352	·366	·379	·310	·368	·387	·368	·348	·315	·341	·314	·291	·328	·344	·336	·304
March	·338	·365	·346	·302‖	·419	·459‖	·389	·408	·466	·491	·450	·458	·438	·464	·431	·420	·544	·587	·572	·474
April	·446	·483†	·466§	·390	·602	·678	·555	·574	·643	·691	·629	·608	·570	·613	·569	·527	·720	·751	·768	·640
May	·544	·591	·545‡	·495	·774	·816	·757	·750	·812	·860	·791	·785	·751	·813‖	·687‡	·752‖	·773	·739	·737	·842
June	·633	·651‡	·654†	·595	·942	·973	·984	·868	·918	·935	·955	·865	1·023	1·054	1·084	·932	·911	·916	·916	·900
July	·666	·708	·695‖	·596‖	·992	1·026	1·016	·933	·980	1·001	1·004	·934	1·061	1·089	1·112	·982	·911	·921	·929	·884
August	·632	·664‡	·665‡	·568‖	·954	·985	·989	·887	·952	·965	·971	·920	1·028	1·049	1·081	·953	·891	·896	·898	·880
September	·628	·673	·655	·555	·927	·948	·963	·871	·921	·944	·917	·903	·937	·970	·949	·891	·850	·863	·863	·823
October	·493	·544†	·507†	·429†	·775	·824‡	·793‡	·707‡	·743	·771	·741	·718	·678	·707	·667	·660	·627	·644	·634	·602
November	·381	·416‡	·396	·331	·546	·603	·583	·453	·593	·639	·621	·519	·507	·548	·530	·444	·433	·461	·438	·399
December	·274	·301	·284	·236‖	·404	·441	·445‖	·325	·416	·463	·411	·373	·377	·404	·396	·332	·325	·346	·321	·307
Year	·465	·498	·482	·415	·671	·711	·686	·618	·684	·714	·689	·650	·672	·705	·685	·627	·637	·651	·646	·615

* Mean of 27 days. ‡ Mean of 29 days. ‖ Mean of 30 days.
† „ „ 28 „ § „ „ 26 „

Months.	47. Hazaribagh. Mean.	10 hours.	16 hours.	From Minima.	48. Berhampore. Mean.	10 hours.	16 hours.	From Minima.	49. Burdwan. Mean.	10 hours.	16 hours.	From Minima.	50. Jessore. Mean.	10 hours.	16 hours.	From Minima.	51. Dacca. Mean.	10 hours.	16 hours.	From Minima.
January	.292	.320	.288	.271	.406	.437	.409	.373	.358	.354	.330	.389	.406	.448	.411	.358	.419	.443	.411	.402
February	.187	.182	.174	.189	.369	.403	.350	.355	.305	.301	.252	.363	.389	.430	.369	.368	.408	.435	.375	.415
March	.260	.269	.214	.264	.512	.558	.488	.490	.468	.472	.390	.542	.578	.658	.523	.553	.600	.655	.522	.622
April	.269	.261	.228	.301	.670	.743	.619	.647	.609	.627	.533	.668	.757	.825	.726	.719	.771	.793	.745	.775
May	.507	.512	.458	.509	.850	.932	.836	.781	.826	.842	.790	.847*	.899	.949	.919	.830	.889	.909	.873	.886
June	.752	.773	.738	.717	.970	1.014	.992	.903	.902	.901	.895	.909	.983	1.033	1.004	.913	.969	.992	.982	.933
July	.817	.817	.828	.757	.969	.985	.996	.925	.912	.905	.896	.935	.978	.999	.997	.939	.971	.981	.970	.962
August	.807	.813	.813	.747	.963	.980	.977	.933	888	.876	.865	.922	.965	.999	.971	.925	.964	.969	.967	.956
September	.724	.736	.720	.677	.956	.970	.980	.919	.867	.867	.833	.901	.948	.993†	.956†	.894†	.955	.971	.936	.957
October	.507	.522	.505	.485	.800	.821	.820	.759	.702	.703	.652	.751	.793	.844	.775	.759	.804	.806	.798	.807
November	.333	.341	.327	.328	.579	.609	.593	.535	.475	.476	.443	.507	.590	.631	.598	.542	.643	.677	.638	.613
December	.254	.266	.242	.251	.426	.453	.433	.393	.345	.339	.334	.362	.424	.481	.423	.369	.462	.490	.470	.425
Year	.476	.484	.461	.458	.706	.742	.708	.668	.638	.639	.601	.675	.726	.774	.723	.681	.738	.760	.724	.729

* Mean of 30 days. † Mean of 29 days.

Month.	52. Chittagong. Mean.	10 hours.	16 hours.	From Minima.	53A. Calcutta (*Chowringhee.*) Mean.	10 hours.	15 hours.	From Minima.	53B. Calcutta (*Alipore.*) Mean.	6 hours.	10 hours.	16 hours.	22 hours.	From Minima.	54. Saugor Island. Mean.	4 hours.	10 hours.	16 hours.	22 hours.	From Minima.
January	.443	.476	.448	.405	.449	.442	.425	.411	.431	.415	.413	.378*	.449	.415	.505	.475	.512	.521	.512	.433
February	.470	.506	.489	.414	.446	.448	.365	.418	.424	.442	.386	.313	.448	.424	.560	.553	.539	.570	.578	.497
March	.712	.763	.725	.647	.659	.699	.533	.636	.682	.737	.658	.498	.712	.615	.862	.821	.881	.888	.858	.793
April	.790	.821	.809	.739	.765	.794	.668	.734	.777	.780	.755	.630	.800	.710	.942	.898	.978	.989	.904	.858
May	.873	.884	.909	.825	.939	.954	.914	.867	.921	.911	.898	.864	.910	.846	.981	.964	1.016	1.004	.941	.923
June	.909	.937	.941	.849	1.004	1.013	.996	.924	.970	.944	.947	.947	.937	.892	1.034	1.008	1.062	1.049	1.018	.961
July	.902	.926	.933	.847	.980	.985	.993	.926	.968	.940	.944	.945	.954	.911	.976	.947	.984	.997	.977	.951
August	.890	.906	.919	.845	.970	.977	.971	.926	.964	.931	.933	.922	.943	.913	.958	.938	.984	.967	.942	.912
September	.895	.925	.917	.843	.961	.971	.956	.923	.956	.938	.926	.907	.958	.905	.966	.943	.986	.968	.966	.922
October	.827	.864	.854	.763	.802	.775	.750	.775	.796	.789	.765	.728	.806	.753	.808	.798	.843	.789	.802	.786
November	.680	.727	.706	.608	.589	.583	.561	.555	.581	.555	.567	.529	.595	.545	.624	.614	.652	.599	.630	.563
December	.514	.581	.535	.426	.426	.434	.385	.396	.410	.393	.407	.347	.439	.390	.454	.439	.489	.432	.455	.407
Year	.742	.776	.765	.684	.749	.756	.710	.708	.740	.731	.717	.667	.746	.693	.806	.783	.827	.814	.799	.751

* Mean of 30 days.

Month.	55. Light Ship (Sandheads.) Mean.	10 hours.	16 hours.	From Minima.	56. Cuttack. Mean.	10 hours.	16 hours.	From Minima.	57. False Point. Mean.	10 hours.	16 hours.	From Minima.	58. Sambalpur. Mean.	10 hours.	16 hours.	From Minima.	59. Raipur. Mean.	10 hours.	16 hours.	From Minima.
January	?	Imperfect.		Shade minimum not recorded.	·486	·511‡	·470	·476§	·549	·575	·578§	·495	·424	·459	·416	·398	·372	·398	·341	·376
February	?	·719*	·709*		·454	·477	·406	·478‖	·568	·591	·583	·529	·318	·334	·271	·348	·213	·215	·183	·240
March	?	·901	·912		·700	·729	·609	·761	·832	·851	·853	·791	·495	·564	·408	·514	·250	·265	·217	·267
April	?	·993	·995		·914	·916	·996	·831	·917	·937	·942	·871	·535	·579	·421	·604	·377	·422	·315	·393
May	?	1·123†	1·127†		·857	·870	·826	·874	·994	1·018	1·017	·946	·646	·701	·520	·718	·330	·354	·259	·376
June	?	1·184	1·173		·894	·911	·877	·895	·975	·989	·988	·947	·795	·816	·757	·813	·714	·739	·684§	·718
July	Not recorded.				·884	·870	·881‡	·900	·926	·923	·939	·916	·853	·882	·858	·820	·801	·810	·819	·774
August					·907	·906	·921	·893	·935	·961	·934	·910	·858	·877	·865	·833	·799	·822	·808	·768
September					·891	·885	·918	·869	·913	·919	·933	·886	·832	·859	·819	·817	·751	·761	·736	·755
October					·759	·781	·746	·751	·793	·796	·803	·780	·675	·707	·640	·677	·565	·584	·519	·592
November					·591	·606	·587	·581	·617	·643	·607	·602	·508	·537	·487	·501	·407	·418	·385	·417
December					·451	·462	·462	·428	·548	·602	·600	·443	·374	·403	·362	·358	·289	·307	·254	·306‡
Year					·732	·744	·725	·728	·797	·817	·815	·760	·609	·643	·569	·617	·489	·508	·460	·499

* Mean of 26 days. † " " 24 " ‡ Mean of 30 days. § " " 29 " ‖ Mean of 27 days.

Month.	60. Nagpur. Mean.	10 hours.	16 hours.	From Minima.	61. Seoni. Mean.	10 hours.	16 hours.	From Minima.	62. Jubbulpore. Mean.	10 hours.	16 hours.	From Minima.	63. Saugor. Mean.	10 hours.	16 hours.	From Minima.	64. Pachmarhi. Mean.	10 hours.	16 hours.	From Minima.
January	·396	·432	·399	·358	·355	·370	·351	·345	·376	·403	·369	·356	·321	·338	·329	·296	·312	·329	·325	·281
February	·216	·226	·214	·209	·228	·231	·222	·232	·239	·257	·204	·256	·188	·187	·173	·203	·182	·167	·178	·201
March	·265	·284	·277	·234	·236	·216	·227	·264	·270	·264	·235	·310	·207	·195	·188	·238	·203	·215	·180	·213
April	·371	·405	·346	·362	·333	·327	·293	·380	·303	·297	·254	·357	·229	·224	·183	·281	·241	·229	·219	·276
May	·403	·450	·355	·404	·340	·344	·286	·390	·381	·400	·314	·429	·340	·382	·236	·402	·364	·379	·316	·396
June	·741	·781	·734	·707	·648	·673	·639	·632	·682	·691	·661	·694	·647	·682	·619	·640	·601	·631	·616	·556
July	·806	·832	·833	·752	·741	·759	·762	·703	·819	·822	·842	·794	·801	·813	·838	·751	·652	·667	·687	·603
August	·814	·841	·842	·760	·730	·745	·758	·688	·803	·815	·822	·771	·796	·810	·833	·745	·649	·668	·681	·597
September	·757	·791	·766	·713	·662	·671	·670	·644	·757	·773	·761	·736	·718	·753	·715	·686	·633	·671	·670	·558
October	·567	·605	·557	·538	·444	·439	·427	·465	·533	·575	·483	·542	·463	·498	·438	·453	·411	·401	·436	·396
November	·461	·496	·480	·406	·341	·342	·332	·348	·375	·395	·367	·362	·315	·329	·292	·325	·326	·334	·345	·298
December	·339	·371	·331	·315	·281	·298	·260	·286	·306	·343	·297	·278	·272	·281	·260	·275	·279	·301	·305	·230
Year	·511	·543	·511	·480	·445	·451	·436	·448	·487	·503	·467	·490	·441	·458	·425	·441	·404	·416	·413	·384

Month.	65. Hoshangabad.				66. Khandwa.				67. Chanda.				68. Sironcha.				69. Chikalda.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	·389	·416	·394	·356*	·353	·364	·318	·376	·385	·406	·353	·395	Observatory temporarily closed.				·347	·358	·338	·325
February	·274	·274	·277	·270	·224	·229	·217	·225	·248	·261	·193	·289					·212	·209	·225	·202
March	?	·252	·260	?	·253	·271	·259	·230	·291	·309	·222	·343					·243	·246	·249	·234
April	?	·311	·325	·424	·268	·278	·254	·273	·417	·449	·346	·456	·557	·622†	·449†	·599†	·267	·259	·267	·274
May	?	·550	·418	·267	·514	·598	·413	·532	·400	·425*	·334*	·441*	·512	·542	·430	·563	·434	·470	·385	·447
June	?	·805	·782	·395	·699	·731	·674	·693	·698	·705	·678	·710	·759	·781	·748	·748	·616	·643	·614	·590
July	?	·837	·861	·461	·783	·793	·802	·755	·772	·764	·786	·765	·818	·823	·857	·773	·650	·657	·680	·613
August	?	828	·868	·479	·770	·785	·797	·728	·783	·786	·786	·778	·837	·856	·868	·787	·647	·653	·676	·612
September	?	·798	·773	Shade min. not recorded.	·718	·753	·718	·682	·764	·759	·772	·762	·813	·846	·822	·771	·650	·638	·739	·572
October	?	·599	·523		·530	·564	·492	·535	·645	·659	·651	·624	·697	·745	·678	·669	·427	·439	·444	·398
November	·398	·437	·396	·360†	·408	·443	·375	·405	·544	·550	·593	·489	·604	·644	·597	·572	·372	·382	·411	·323
December	·343	·359	·364	·305	·311	·336	·303	·294	·382	·408‡	·381‡	·357‡	·413	·452	·422	·366	·290	·293	·311	·265
Year	?	·539	·520	?	·486	·512	·469	·477	·527	·540	·508	·534	?	?	?	?	·430	·437	·447	·405

* Mean of 30 days.
† „ „ 22 „
‡ Mean of 28 days.

Month.	70. Buldana.				71. Akola.				72. Amraoti.				73. Neemuch.				74. Nowgong.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	·291	·316	·273	·285	·340	·372	·333	·316	·375	·411	·371	·344	·271	·264†	·287§	·261†	·346	·359	·361	·317‖
February	·153	·166	·137	·157	·185	·188	·172	·195	·213	·225	·222	·192	?	Imperfect.			·221	·226	·187	·249
March	·199	·205	·177	·214	·239	·248	·217	·252	·257	·296	·257	·219	·367	·401	·448	·252	·263	·280	·206	·303
April	·268	·283	·246	·276	·289	·295	·260	·311	·297	·332	·287	·273	?	Imperfect.			·272	·286	·216	·315
May	·463	·535	·373	·481	·461	·485	·390	·507	·418	·481	·370	·403	?	·614‡	·499‖	Imperfect.	·369	·389	·281	·436
June	·639	·661	·628	·629*	·682	·708	·648	·691	·705	·761	·679	·675	·737	·784	·733	·693	·646	·667	·572	·699
July	·697	·715	·721	·654	·769	·781	·791	·736	·769	·797	·792	·718	·810	·826	·821	·782	·882	·887	·893	·867
August	·683	·689	·722	·638	·766	·776	·782	·739	·781	·803	·811	·728	·784	·792	·810	·751	·879	·891	·896	·849
September	·652	·682	·662	·613	·717	·752	·708	·690	·721	·762	·723	·678	·713	·743	·716	·680*	?	·800	·760	Shade min. imperfect.
October	·472	·504	·453	·458	·554	·603	·520	·538	·522	·560	·495	·512	·411	·425	·382	·425	?	·576	·486	Ditto not recorded.
November	·406	·419	·416	·382	·445	·476	·427	·432	·469	·508	·484	·416	·310	·325	·297	·307	?	·397	·338	Shade min. imperfect.
December	·284	·297	·279	·276	·319	·347	·302	·307	·374	·411	·394	·316	·250	·270	·254	·227	·302	·317	·300	·289
Year	·434	·456	·424	·422	·481	·503	·463	·476	·492	·529	·490	·456	?	?	?	?	?	·506	·458	?

* Mean of 29 days.
† „ „ 27 „
‡ Mean of 22 days.
§ „ „ 26 „
‖ Mean of 21 days.

75. SUTNA.

Month.	Mean.	10 hours.	16 hours.	From Minima.
January	·333	·348	·326	·324
February	·190	·189	·139	·242
March	·238	·250	·176	·289
April	·234	·234	·160	·307
May	·354	·371	·308	·382
June	·626	·633	·592	·653
July	·845	·863	·851	·822
August	·838	·855	·854	·804
September	·750	·764	·732	·754
October	·507	·539	·450	·531
November	·338	·348	·320	·345
December	·264	·283	·255	·254
Year	·460	·473	·430	·476

76. INDORE.

Mean.	10 hours.	16 hours.	From Minima.
·310	·328	·301	·300
·180	·174	·169	·198
·207	·195	·170	·255
·238	·230	·207	·278
·463	·528	·352	·510
·660	·685	·627	·668
·771	·782	·789	·742
·784	·784	·784	·717
·757	·770	·784	·717
·696	·723	·685	·680
·474	·484	·449	·489
·364	·367	·362	·364
·316	·321	·330	·297
·453	·466	·435	·458

77. BICKANEER.

Mean.	10 hours.	16 hours.	From Minima.
·154	·106	·202	·153
·189	·159	·212	·196
·260	240	·287	·252
·366	·339	·383	·375
·425	·397	·423	·454
·462	·436	·506	·445
·499	·470	·569	·459
·533	·491	·608	·499
·552	·530	·526	·600
·415	·378	·382	·486
·205	·158	·173	·283
·176	·142	·154	·233
·353	·321	·369	·370

78. JEYPORE.

Mean.	4 hours.	10 hours.	16 hours.	22 hours.	From Minima.
·269	·264	·263	·272	·277	·245
·176	·170	·174	·162	·197	·160
·201	·197	·227	·176	·205	·201
·255	·259	·262	·216	·281	·278
·353	·383	·407	·278	·346	·378
·623	·660	·650	·542	·639	·638
·848	·839	·845	·843	·864	·826
·848	·829*	·847	·847	·868	·825
·692	·705	·688	·642	·734	·699
·394	·402	·417	·353	·402	·413
·268	·258	·267	·274	·273	·267
·256	·244	·260	·256	·264	·245
·432	·434	·442	·405	·446	·431

* Mean of 30 days.

79. SAMBHAR.

Month.	Mean.	10 hours.	16 hours.	From Minima.
January	·267	·282	·283	·235
February	·189	·218	·196	·153
March	·194	·235	·204	·144
April	·263	·307	·255	·226
May	·423	·482	·361	·426
June	·615	·668	·594	·582
July	·821	·839	·839	·785
August	·855	·851	·918	·797
September	·588	·718	·686	·660
October	·424	·469	·425	·377
November	·275	·297	·317	·210
December	·256	·274	·289	·215
Year	·439	·470	·447	·401

80. AJMERE.

Mean.	10 hours.	16 hours.	From Minima.
·275	·297	·301	·226
·220	·238	·253	·170
·451	·478	·538	·336
·528	·583	·620	·381
·706	·730	·777	·612
·729	·749	·714	·725
·809	·818	·842	·766
·812	·831	·858	·746
·678	·719	·708	·607
·419	·467	·432	·359
·281	·308	·322	·214
·267	·290	·303	·207
·515	·542	·556	·446

81. MOUNT ABU.

Mean.	10 hours.	16 hours.	From Minima.
·207	·205	·226	·191*
·150	·141	·152	·156
·162	·142	·184	·160*
·221	·216	·225	·222
·324	·316	·375	·281
·583	·612	·578	·560
·644	·654	·673	·604
·626	·634	·654	·589
·507	·509	·562	·449
·237	·241	·253	·216
·352	·352	·371	·332

82. PACHPADRA.

Mean.	10 hours.	16 hours.	From Minima.
·223	·245	·238	·187
·182	·201	·216	·130
·297	·350	·337	·203
·327	·403	·312	·266
·611	·728	·584	·522
·681	·770	·646	·628
·823	·854	·799	·815
·781	·818	·749	·777
·637	·700†	·579†	·631†
·380	·432	·381	·327
·198	·196	·240	·157
·215	·224	·268	·154
·446	·493	·446	·400

* Mean of 30 days.

† Mean of 29 days.

TABLE XI.—TENSION OF ATMOSPHERIC VAPOUR IN 1887.

83. JACOBABAD. 84. HYDERABAD. 85. KURRACHEE. 86. BHUJ. 87. RAJKOT.

Month.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	·205	·195	·194	·226	·238	·252	·229	·232	·361	·344	·384	·277	·289	·311	·287	·270	·299	·303	·350	·245
February	·217	·194	·208	·249	·236	·251	·197	·261	·405	·352	·427	·321	·278	·294	·296	·244	Untrustworthy.			
March	·228	·201	·205	·279	·319	·339	·301	·316	·543	·455	·562	·461	·400	·386	·378	·436	·347	·370	·287	·383
April	·314	·287	·241	·414	·473	·468	·450	·502	·753	·731	·739	·681	·526	·490	·501	·587	·494	·543	·388	·550
May	·286	·247	·164	·447	·608	·564	·574	·687	·893	·849	·889	·813	·692	·661	·695	·719	·668	·708	·570	·726
June	·620	·666	·474	·719	·671	·669	·685	·659	·926	·901	·923	·881	·769	·767	·756	·784	·755	·750	·693	·822
July	·777	·786	·688	·856	·773	·776	·765	·778	·912	·908	·922	·883	·802	·825	·813	·767	·779	·796	·782	·759
August	·791	·794	·722	·857	·728	·714	·757	·714	·822	·827	·829	·797	·771	·798	·776	·739	·799	·814	·813	·769*
September	·541	·585	·443	·596	·641	·604	·635	·685	·773	·759	·793	·745	·685	·693	·668	·694	·704	·719	·676	·716
October	·359	·384	·330	·363	·413	·400	·392	·448	·606	·589	·660	·591	·455	·483	·426	·457	·659	·709	·680	·587
November	·252	·251	·274	·231	·245	·233	·225	·278	·346	·319	·450	·274	·238	·260	·229	·226	·428	·459*	·436	·389*
December	·214	·225	·223	·193	·272	·269	·279	·269	·336	·320	·355	·256	·232	·265	·222	·210	·328	·331	·370	·283†
Year	·400	·401	·347	·453	·468	·462	·457	·486	·640	613	·661	·582	·511	·519	·504	·511	?	?	?	?

* Mean of 29 days.
† „ „ 30 „

88. DEESA. 89. SURAT. 90. MALEGAON. 91. BOMBAY.

Month.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	From Minima.
January	·277	·264	·220	·234	·426	·476	·416	·385	·272	·293	·264	·259	·584	·555	·582	·604	·595	·525
February	·169	·160	·146	·188	·358	·382	·337	·356	·202	·200	·227	·178	·562	·520	·537	·601	·589	·477
March	·245	·276	·133	·253	·508	·518	·461	·545	·245	·246	·267	·223	·706	·680	·706	·723	·715	·647
April	·292	·313	·174	·337	·609	·630*	·568*	·628*	·285	·275	·296	·284	·818	·803	·824	·811	·833	·768
May	·573	·611	·396	·611	·817	·825	·800	·825	·506	·488	·479	·551	·837	·828	·837	·843	·838	·809
June	·720	·727	·595	·717	·853	·857	·850	·852	·674	·680	·668	·675	·882	·869	·892	·891	·877	·822
July	·833	·821	·798	·814	·866	·882	·883	·833	·710	·732	·714	·685	·874	·862	·887	·876	·872	·813
August	·821	·814	·816	·792	·859	·882	·878	·818	·686	·694	·707	·657	·847	·828	·871	·851	·839	·797
September	·655	·677	·605	·660	·809	·820	·819	·788	·631	·652	·629	·612	·826	·811	·838	·826	·827	·791
October	·375	·396	·298	·408	·643	·656	·610	·664	·473	·503	·423	·494	·812	·785	·789	855	·817	·745
November	·233	·290	·238	·175	·522	·557	·510	·498	·413	·438	·419	·383	·705	·666	·670	·764	·718	·643
December	·263	·243	·251	·233	?	·427†	·429†	Shade minimum imperfect	·290	·313	·296	·262	·606	·571	·563	·657	·632	·547
Year	·455	·466	·389	·452	?	·659	·630	?	·449	·460	·449	·439	·755	·732	·750	·775	·763	·699

* Mean of 29 days. † Mean of 26 days.

TABLE XI.—TENSION OF ATMOSPHERIC VAPOUR IN 1887.

92. POONA. 93. SHOLAPUR. 94. RATNAGIRI. 95. BELGAUM. 96. KARWAR.

Month.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	·333	·312	·257	·359	·386	·435	·398	·325	·529	·516	·623	·447	·332†	·326	·280	·359†	·604	·612	·649	·551
February	·250	·209	·172	·311	·322	·377	·354	·236*	·525	·495	·636	·444	·256	·206	·203	·317	·601	·598	·668	·537
March	·307	·229	·218	·365	·357	·407	·386	·279	·647	·663	·749	·528	·395	·282	·365	·439	·735	·727	·763	·715
April	·380	·274	·281	·427	·426	·463	·393	·421†	·771	·784	·819	·710	·522	·436	·523	·527	·800	·794	·834	·772
May	·613	·561	·531	·627	·573	·626‡	·522‡	·571§	·811	·823	·837	·773	·607	·557	·586	·608	·812	·813	·826	·797
June	·697	·677	·675	·683	·649	·655	·620	·673†	·845	·873	·870	·792	·649	·661	·662	·619	·818	·839	·841	·774
July	·692	·698	·683	·678	·670	·679	·658	·674	·870	·897	·910	·803	·652	·664	·663	·617	·817	·845	·843	·764
August	·682	·692	·678	·669	·680	·693	·685	·662	·859	·902	·904	·771	·638	·655	·659	·610	·810	·828	·826	·776
September	·669	·664	·669	·645	·684	·704	·679	·669	·821	·851	·860	·752	·631	·636	·650	·595	·784	·795	·799	·757
October	·534	·523	·467	·585	·590	·621	·557	·593	·775	·756	·830	·740	·619	·631	·605	·594	·796	·803	·834	·751
November	·461	·446	·422	·480	·467	·493	·431	·478	·667	·613	·762	·627	·508	·512	·480	·515	·744	·759	·779	·694
December	·332	·304	·299	·349	·351	·402	·340	·310	·520	·445	·612	·502	·377	·395	·337	·395	·593	·574	·650	·554
Year	·496	·466	·446	·515	·513	·546	·502	·491	·720	·718	·784	·657	·516	·497	·501	·516	·743	·749	·776	·704

* Mean of 27 days. ‡ Mean of 26 days.
† „ „ 29 „ § „ „ 25 „

97. GOPALPUR. 98. VIZAGAPATAM. 99. RAJAHMUNDRY. 100. MASULIPATAM.

Month.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	?	·597	·618	Shade min. not recorded.	·603	·581	·594	·602	·636	·470	·494	·526	·428	·531	·661	·703	·694	·599
February	?	·564	·664		·624	·611	·591	·652	·642	·471	·479	·522	·398	·529	·669	·707	·683	·595
March	?	·811	·866		·759	·765	·727	·766	·778	·636	·620	·630	·546	·694	·777	·800	·797	·744
April	?	·889	·921		·812	·839	·762	·817	·830	·682	·654	·672	·572	·722	·834	·847	·853	·810
May	?	1·004	1·019		·923	·911	·905	·929	·947	·774	·630	·658	·531	·702	·791	·801	·769	·814
June	?	·959	·998		·870	·870	·866	·867	·877	·742	·710	·713	·658	·765	·869	·892	·899	·831
July	?	·918	·946		·837	·835	·837	·833	·843	·711	·757	·762	·742	·769	·839	·861	·863	·802
August	?	·937	·961		·862	·858	·843	·873	·873	·714	·782	·792	·767	·790	·890	·901	·939	·839
September	?	·913	·920		·864	·872	·841	·860	·881	·728	·742	·747	·700	·780	·890	·921	·919	·842
October	?	·818	·842		·797	·798	·783	·790	·817	·654	·688	·691	·668	·710	·904	·947	·949	·830
November	?	·669	·671		·673	·679	·647	·671	·696	·543	·606	·610	·580	·631	·766	·797	·779	·730
December	?	·504	·508*		·500	·505	·467	·497	·531	·364	·420	·413	·402	·447	·628	·650	·696	·555
Year	?	·799	·828		·760	·760	·739	·763	·779	·624	·632	·645	·583	·673	·793	·819	·820	·749

* Mean of 30 days.

	101. SECUNDERABAD.					102. KURNOOL.					103. BELLARY.					104. MANGALORE.					105(A). MERCARA.				
MONTH.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	·464	·487	·493	·442	·440	·405	·457	·400	·390	·409	·477	·405	·370	·648	·628	·707	·610	·409	·440	·427	·361				
February	·446	·476	·464	·414	·425	·419	·439	·440	·410	·344	·408	·347	·307†	·629	·583	·696	·609	·384	·396	·401	·356				
March	·532	·589	·515	·484	·529	·450	·498	·366	·502	·411	·483	·398	·378	·769	·764	·793	·749	·520	·514	·556	·491				
April	·597	·635	·546	·569	·605	·557	·579	·409	·685*	·526	·611	·484	·495	·813	·829	·816	·764	·577	·580	·616	·534				
May	·591	·611	·571	·559	·585	·588	·613	·448	·712	·576	·613	·528	·597	·820	·820	·829	·812	·599	·618	·630	·549				
June	·722	·714	·712	·732	·703	·663	·681	·635	·680	·657	·680	·653	·657†	·815	·841	·837	·766	·587	·613	·603	·545				
July	·709	·704	·724	·708	·675	·670	·693	·660	·663	·641	·645	·650	·631	·826	·862	·857	·759	·571	·599	·581	·532				
August	·697	·701	·691	·716	·665	·696	·808	·701	·672	·649	·664	·646	·644	·818	·841	·842	·772	·575	·596	·595	·535				
September	·693	·698	·670	·720	·670	·718	·740	·737	·682	·660	·684	·658	·645	·797	·817	·825	·749								
October	·588	·598	·544	·604	·593	·659	·681	·644	·660	·650	·677	·643	·639	·815	·830	·849	·767								
November	·519	·514	·507	·535	·510	·570	·599	·558	·569	·585	·612	·563	·591	·760	·752	·797	·730	Discontinued.							
December	·425	·445	·440	·417	·398	·460	·495	·468	·441	·476	·519	·454	·465	·598	·556	·647	·591								
Year	·582	·598	·573	·575	·567	·571	·607	·539	·589	·549	·589	·536	·535	·759	·760	·794	·723								

* Mean of 28 days. † Mean of 27 days.

	105B. MERCARA (CIVIL DISPENSARY.)				106. BANGALORE.					107. CUDDAPAH.				108. MADRAS.				
MONTH.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.
January	·385	·425	·392	·338	·442	·468	·421	·450	·426	·536	·560	·512	·546	·678	·699	·692	·680	·635
February	·320	·343	·305	·312	·400	·425	·375	·421	·378	·451	·506	·439	·480	·671	·678	·704	·686	·611
March	·473	·451	·509	·458	·500	·578	·485	·485	·445	·509	·555	·441	·537	·796	·776	·845	·818	·725
April	·560	·557	·600	·524	·571	·640	·539	·533	·542	·570	·612	·461	·629	·924	·941	·956	·903	·846
May	·581	·597	·613	·532	·606	·624	·611	·587	·569	·583	·625	·534	·592	·882	·816	·933	·927	·816
June	·567	·586	·588	·528	·629	·633	·668	·618	·569	·678	·683	·642	·709	·865	·865	·887	·876	·811
July	·557	·579	·569	·523	·606	·609	·625	·603	·560	·672	·675	·648	·700	·816	·788	·842	·830	·773
August	·567	·582	·589	·529	·629	·630	·668	·621	·580	·721	·723	·706	·735	·867	·827	·893	·901	·823
September	·538	·550	·565	·498	·620	·631	·655	·614	·559	·730	·731	·715	·742	·851	·823	·888	·887	·792
October	·555	·572	·580	·513	·607	·626	·630	·590	·560	·737	·747	·714	·745	·864	·871	·873	·876	·829
November	·539	·552	·562	·502	·566	·581	·597	·558	·516	·699	·721	·700	·681	·803	·821	·805	·806	·771
December	·456	·471	·471	·425	·492	·501	·525	·484	·453	·598	·623	·617	·563	·735	·758	·729	·742	·706
Year	·508	·522	·529	·474	·556	·579	·567	·547	·513	·624	·647	·594	·638	·813	·805	·837	·828	·762

TABLE XI.—TENSION OF ATMOSPHERIC VAPOUR IN 1887.

109. SALEM.

Month.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.
January	·636	·721	·713	·662	·480
February	·596	·621	·687	·623	·473
March	·682	·733	·725	·652	·602
April	·775	·832	·762	·762	·700
May	·779	·801	·802	·779	·693
June	·771	·789	·814	·805	·634
July	·749	·769	·775	·788	·628
August	·761	·782	·804	·796	·627
September	·752	·787	·804	·783	·603
October	·741	·787	·809	·789	·567
November	·700	·771	·797	·739	·505
December	·637	·678	·747	·675	·464
Year	·715	·756	·770	·738	·581

110. WELLINGTON.

Month.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.
January	·277	·265	·341	·307	·206
February	·240	·196	·296	·275	·211
March	·288	·299	·337	·342	·297
April	·410	·390	·425	·423	·392
May	·434	·433	·455	·447	·382
June	·439	·458	·453	·436	·395
July	·399	·417	·421	·379	·363
August	·435	·446	·471	·424	·383
September	·410	·417	·448	·405	·356
October	·438	·458	·464	·435	·386
November	·431	·437	·472	·440	·380
December	·384	·388	·420	·395	·334
Year	·382	·384	·417	·392	·340

111. CALICUT.

Month.	Mean.	10 hours.	16 hours.	From Minima.
January	Wet bulb hygrometer untrustworthy.			
February				
March				
April	·869	·852	·908	·847
May	·861	·856	·889	·837
June	·817	·823	·850	·777
July	·809	·818	·844	·765
August	·822	·829	·845	·791
September	·798	·812	·827	·755
October	·814	·827	·839	·776
November	·802	·814	·831	·762
December	·703	·695	·739	·675
Year	?	?	?	?

112. COIMBATORE.

Month.	Mean.	10 hours.	16 hours.	From Minima.
January	·498	·597	·597	·349
February	·442	·569	·518	·302
March	·555	·679	·578	·454
April	·662	·772	·669	·569
May	·674	·735	·751	·564
June	·652	·727	·730	·522
July	·621	·702	·688	·499
August	·654	·739	·719	·531
September	·629	·712	·706	·496
October	·663	·748	·739	·521
November	·662	·733	·740	·505
December	·578	·647	·659	·438
Year	·608	·697	·675	·479

113. TRICHINOPOLY.

Month.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.
January	·623	·637	·590	·659	·601
February	·585	·608	·498	·633	·592
March	·636	·691	·541	·657	·645
April	·762	·760	·680	·774	·801
May	·723	·714	·644	·761	·736
June	·709	·720	·698	·710	·698
July	·702	·718	·661	·729	·682
August	·756	·762	·717	·800	·724
September	·718	·711	·682	·769	·696
October	·795	·823	·795	·819	·724
November	·770	·783	·785	·806	·705
December	·725	·771	·776	·740	·613
Year	·709	·725	·672	·738	·685

114. NEGAPATAM.

Month.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.
January	·699	·727	·701	·705	·664
February	·699	·702	·704	·714	·651
March	·798	·821	·807	·804	·757
April	·895	·897	·905	·901	·853
May	·859	·772	·875	·925	·821
June	·817	·765	·833	·859	·760
July	·778	·719	·776	·831	·754
August	·846	·811	·884	·866	·799
September	·831	·796	·877	·863	·774
October	·849	·847	·881	·853	·807
November	·812	·828	·824	·811	·784
December	·769	·785	·782	·777	·737
Year	·804	·789	·821	·826	·763

115. MADURA.

Month.	Mean.	10 hours.	16 hours.	From Minima.
January	·553	·592	·509	·567
February	·527	·573	·482	·537
March	·600	·672	·543	·599
April	·698	·731	·649	·721
May	·689	·716	·688	·673
June	·673	·689	·687	·652
July	·613	·632	·624	·592
August	·660	·673	·666	·650
September	·641	·666	·646	·620
October	·724	·745	·719	·714
November	·708	·728	·707	·694
December	·659	·687	·678	·616
Year	·645	·675	·633	636

116. COCHIN.

Month.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.
January	·712	·668	·715	·765	·689
February	·698	·641	·723	·739	·683
March	·821	·811	·829	·812	·828
April	·866	·877	·881	·842	·838
May	·863	·867	·854	·873	·838
June	·817	·818	·828	·823	·782
July	·819	·825	·828	·826	·777
August	·834	·835	·837	·836	·814
September	·809	·809	·810	·815	·789
October	·827	·824	·834	·835	·799
November	·814	·820	·807	·822	·805
December	·743	·715	·731	·787	·727
Year	·802	·793	·806	·815	·781

Station.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
117. Colombo	·689	·677	·757	·829	·820	·746	·745	·749	·756	·799	·812	·790	·764
118. Jaffna	·728	·702	·814	·926	·953	·898	·891	·944	·895	·872	·844	·811	·857
119. Trincomalee	·762	·744	·784	·878	·841	·787	·783	·771	·781	·802	·813	·818	·797
120. Batticaloa	·767	·745	·801	·852	·887	·830	·841	Temperature of evaporation not recorded.			·875	·829	?
121. Hambantota	·743	·726	·739	·853	·838	·813	·786	·800	·756	·770	·797	·779	·783
122. Galle	·847	·821	·807	·948	·961	·920	·911	·917	·930	·899	·917	·875	·896
123. Kandy	·617	·571	·552	·703	·702	·750	·681	·689	·663	·667	·695	·691	·665
124. Newera Eliya	·360	·332	·284	·426	·452	·427	·396	·427	·402	·419	·420	·429	·398

	125. Bhamo.				126. Kendat.				127. Mandalay.				128. Akyab.				129. Thayetmyo.			
Months.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	·417	·446	·464	·342	?	·490‖	·500*	Minimum imperfect.	·447	·494	·478	·368	·474	·510	·512*	·399	·426	·476	·449	·352
February	·442	·476	·501	·349	?	·528¶	·579	Min not recorded.	·397	·439	·385	·368	·462	·488	·523	·376	·421	·488	·419	·357
March	·563	·567*	·652	·471*	?	·666 †	·719*	Min. untrustworthy.	·452	·500	·412	·445*	·639	·657	·673	·586	·542	·598	·523	·506
April	·663	·693	·717†	·580	?	·768 ‖	·771	Do.	·592	·655	·524	·596	·741	·737	·770	·716	·676	·734	·601	·694
May	·940	1·002	1·046*	·772*	?	·949	·953	Do.	·782	·823	·793	·729	·861	·886	·892	·806	·868	·930	·887	·788
June	·955	·986	1·031	·848‡	?	1·010¶	1·068§	Do.	·814	·830	·847	·765	·898	·943	·935	·816	·856	·874	868	·825
July	·924	·937	·982*	·854§	?	1·030 †	1·103‖	Do.	·806	·829	·839	·751	·893	·945	·932	·802	891	·912	·926	·845
August	·894	·920	·924	·837	?	1·051 ‖	1·170‖	Do.	·836	·864	·882	·761	·871	·903	·909	·802	·876	·903	·911	·814
September	·915	·932	·976	·843	?	1·016 ‖	1·059‖	Do.	·827	·866	·858	·758	·878	·918†	·918	·799†	·872	·903	·896	·816
October	?	·797	·815	Shade min. untrustworthy.	?	·929	·951	Do.	·759	·807	·762	·709	·843	·898	·864	·768	·829	·871	·859	·758
November	?	·600	·640		?	·751†	·815‖	Do.	·636	·700	·634	·574	·753	·810	·789	·660	·660	·711	·669	·601
December	?	·450	·479		?	·587†	·687*	Do.	·464	·518*	·476	·399	·547	·589	·590	·462	·490	·527	·518	·424
Year	?	·734	·768	?	?	·815	·865	?	·651	·694	·658	·602	·738	·774	·776	·666	·701	·744	·711	·648

* Mean of 30 days. † " " 29 " ‡ Mean of 23 days. § " " 24 " ‖ Mean of 28 days. ¶ " " 27 "

TABLE XI.—TENSION OF ATMOSPHERIC VAPOUR IN 1887.

130. TOUNGOO. 131. BASSEIN. 132. DIAMOND ISLAND. 133. RANGOON. 134. MOULMEIN.

MONTH.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	·480	·538	·565	·338	·539	·572	·556	·488	·619	·626	·596	·635	·531	·569	·531	·493	·571	·618	·564	·532
February	·484	·555	·516	·380	·530	·553	·502	·536	·624	·628	·620	·623	·528	·585	·484	·515†	·584	·635	·545	·572
March	·612	·698	·606	·531	·649	·660	·601	·686	·744	·733	·746*	·753	·676	·712	·638	·677	·711	·737	·681	·715
April	·758	·823	·764	·687	·783	·782	·751	·815	·833	·829	·827	·842	·791	·799	·801	·774	·823	·870‡	·810‡	·790‡
May	·841	·911	·865	·746	·868	·897	·851	·856*	·878	·900	·865	·868	·877	·918	·892	·821	·872	·902	·902	·812
June	·858	·920	·915	·740	·889	·912	·897	·859	·865	·879	·883	·832	·891	·939	·912	·823	·862	·889	·894	·804
July	·859	·910	·916	·751	·876	·903	·873	·851	·862	·890	·879	·816	·883	·927	·909	·812	·860	·890	·885	·805
August	·854	·911	·913	·739	·873	·893	·884	·842	·857	·873	·877	·820	·880	·923	·899	·818	·862	·875	·899	·811
September	·852	·916	·902	·738	·877	·897	·886	·848	·861	·888	·868	·826	·884	·936	·904	·813	·885	·916	·925	·815
October	·814	·898	·866	·677	·854	·879	·864	·820	·838	·858	·833	·823	·867	·914	·869	·817	·824	·851	·850	·770
November	·722	·780	·799	·588	·760	·772	·781	·727	·794	·804	·774	·803	·744	·806	·751	·676	·700	·730	·707	·664
December	·561	·608	·645*	·429	·575	·565	·593	·567	·660	·651*	·889*	·641*	·639	·675	·675	·568	·569	·589	·550*	·568
Year	·725	·789	·773	·612	·756	·774	·753	·741	·786	·797	·788	·774	·766	·809	·772	·717	·760	·792	·768	·722

* Mean of 30 days. † Mean of 27 days. ‡ Mean of 28 days.

135. MERGUI. 136. COCOS ISLAND. 137. PORT BLAIR. 138. NANCOWRY.

MONTH.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	·760	·819	·874	·588	Imperfect.				·782	·813	·831	·702	·802	·811	·864	·791
February	·777	·827	·885	·620	Untrustworthy.				·746	·774	·777	·686	·790	·813	·797	·761
March	·810	·837	·900	·694	Imperfect.				·820	·838	·873	·749	·802	·831	·813	·762
April	·844	·878	·897	·756	?	·913	·896*	Shade minimum not recorded.	·916	·932	·952	·864	·883	·909	·890	·851
May	·855	·903	·899	·763	?	·924	·927		·900	·948‡	·930	·821	·874	·924	·882	·816‡
June	·844	·879	883	·770	?	·938	·930†		·881	·914	·917	·812	·873	·896	·881	·841
July	·844	·885	·874	·772	·927	·942	·927	·911‡	·868	·904	·893	·808	·868	·904	·873	·826
August	·834	·862	·878	·762	?	·923	·922	Shade minimum untrustworthy.	·869	·912	·901	·794	·871	·917	·890	·807
September	·819	·854	·843	·759	?	·943	·924		·877	·903	·899	·830	·856	·902	·865	·801
October	·810	·833	·850	·748	?	·904	·874		·884	·937	·897	·817	·842	·873	·850	·804
November	·736	·773	·798	·638	?	·856	·823		·855	·895	·883	·786	·824	·849	·825	·797
December	·644	·662	·716	·554	?	·756	·748		·828	·862	·836	·785	·813	·835	·811	·794
Year	·798	·834	·858	·702	?	?	?	?	·852	·886	·882	·788	·842	·872	·848	·804

* Mean of 29 days. † Mean of 28 days. ‡ Mean of 30 days.

TABLE XII.—MEAN RELATIVE HUMIDITY OF THE AIR IN 1887. (138 STATIONS).

Month.	1. Baghdad. Mean.	10 hours.	16 hours.	From Minima.	2. Aden. Mean.	10 hours.	16 hours.	From Minima.	3. Bushire. Mean.	10 hours.	16 hours.	From Minima.	4. Amini Divi. Mean.	10 hours.	16 hours.	From Minima.	5. Quetta. Mean.	10 hours.	16 hours.	From Minima.
January	Observatory opened in October 1887.				73	71‡	67*	80*	70	69	66	74	77	73	72	88	75	75	63	88
February					66	65	55	77	65	64	62	70	75	71	68	88	65	60	52	82
March					69	70	60*	76	65	60	61*	73	76	73	73	85	38	29	20	66
April					66	66	58	74	68	64	63	77§	74	70	72	79	42	31	25	70
May					62	63	58	65	?	65	70	Shade min. not recorded.	73	70	69	80	35	25	20	60
June					61	64‡	57	61‡	?	68	61	Do.	84	82	83	88	40	34	24	61
July					63	67*	53	69*	?	60	62	Shade min. imperfect.	81	79	79	85	48	39	29	77*
August					72	72	65	79	66	62	61	75	80	78	77	85	50	41	29	80
September					73	74	69	75	65	61	59	74	79	77	76	84	43	33	25	70
October	64	60	59*	74	69	62	65*	80	64	55	59	78	79	78	75	86	51	43	37	72
November	63	59	58	71†	68	64	61	78	66	57	63	79	79	74	73	90	43	33	28	69‖
December	75	77*	64*	84	72	70	65*	80*	78	77	74	83	75	70	71	86	59	54	42	81
Year	?	?	?	?	68	67	61	75	?	64	63	?	78	75	74	85	49	41	33	73

* Mean of 30 days.
† „ „ 28 „
‡ „ „ 29 „
§ „ „ 20 „
‖ Mean of 26 days.

Month.	6. Leh. Mean.	6 hours.	10 hours.	16 hours.	22 hours.	From Minima.	7. Mooltan. Mean.	10 hours.	16 hours.	From Minima.	8. Dera Ismail Khan. Mean.	10 hours.	16 hours.	From Minima.	9. Peshawar. Mean.	10 hours.	16 hours.	From Minima.
January	67	64*	65*	70†	67*	Shade minimum untrustworthy.	Imperfect.			Shademin.	45	58	39	38	65	63	51	80
February	?	Wet bulb hygrometer not recorded.					?	40	25	not recorded.	33	40	28	32	55	55	42	68
March	?	Ditto imperfect.					?	35	22	Shade min. imperfect.	27	30	20	30	48	45	34	64
April	43	66	31	25	51		36	26	22	59	27	29	19	34	42	36	30	60
May	37	57	30	20‡	39		22	21	17	29‖	20	18	15	26	26	21	19	37
June	43	61	41	25	47		30	27	28	35†	40	43	31‖	46	32	29	23	43
July	38	54	35	27‡	38‡		?	43	40	Shade min. imperfect.	55	60	44	62	57	59	45	68
August	53	70	47	39	55		62	56	51	80	57	62	47	63	65	63	48	84
September	41	59	30	26§	47		60	53	50	77	45	50	32	54	56	51	41	75
October	43	64	38	19	52		53	46	42	72	38	39	26	49	50	45	34	71
November	53	67	40	38	67		50	48	34	67	38	44	27	43	52	50	35	72
December	64	67	53	64‡	72		54	55	44	62	44	52	34	45	58	57	41	76
Year	?	?	?	?	?		?	?	?	?	39	44	30	44	51	48	37	67

* Mean of 27 days.
† „ „ 26 „
§ „ „ 28 „
‡ Mean of 30 days.
‖ „ „ 29 „

	10. MURREE.				11. RAWALPINDI.				12. SIALKOT.				13. LAHORE.						14. LUDHIANA.			
MONTH.	Mean.	10 hours.	16 hours.	From Minima.	Mean	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours	From Minima.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	78	72	80	82	76	74	58	96	79	80	62	94	69	84	64	45	82	91	75	73	62	90
February	77	69	76	85	54	47‡	32‡	83‡	62	59	41	85	46	67	37	23	57	76	47	40	24	76
March	59	60	60	57	49	43	31	74	49	44	33	71	40	59	33	21	47	63	40	32	20	69
April	39	34	34	48*	37	30	23	57	45	42	33	60	33	49	25	19	40	54	32	23	17	56
May	24	23	19	29	28	26	18	39	34	33	28	40	23	35	18	11	27	38	26	20	14	43
June	36	31	30	47	33	28*	22	49*	42	40	31	54	41	55	35	27	46	57	42	38	29	59
July	81	79	76	89	65	64	51	81	70	69	57	84	64	76	60	52	68	78	69	66	58	83
August	90	87	89†	95	76	75	63	89	82	82	69	96	81	93	76	70	87	94	84	80	75	97
September	57	56	57	59	58	52§	38§	83§	65	59	47	89	64	84	53	42	75	89	68	63	52	90
October	46	42	45†	52	51	40	31	81	52	44	32	80	50	72	36	28	62	81	55	45	38	82
November	32	28	33	36	46	36	27	75	61	53	42	89	51	76	34	26	69	88	50	36	31	82
December	46	37	48	54	62	55	45	86	66	61	49	88	60	81	49	35	75	94	59	56	42	79
Year	55	52	54	61	53	48	37	74	59	56	44	78	52	69	43	33	61	75	54	48	39	76

* Mean of 29 days.
† „ „ 30 „
‡ Mean of 26 days.
§ „ „ 28 „

	15. CHAMBA.						16. KAILANG.				17 SIMLA.				18. DELHI.			
MONTH.	Mean.	4 hours	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	73	82	73	63	72	83	?	69	75	Shade min. not recorded.	73	71	78	71	64	64	51	76
February	58	68	58	44	61	72	?	68	60		52	49	49	58	30	32	25	33
March	46	57	45	33	50	62	?	72	66		43	39*	39¶	50*	33	30	24	45
April	42	52*	43	28	44	60	53	51	43*		40	35§	30‖	55‖	25	21	19	35
May	25	35	25	15	26	43	45	39	33	63	?	D. & W. bulb hygrometers imperfect.			27	23	18	40
June	39	50*	34	29	44	55	56	49	40	80	60	61§	53§	67§	43	37	30	63
July	77	87	72	67	80	88†	62	59	46	82	91	90	89	93	75	75	73	78
August	84	92	81	75	86	93	69	67	54	86	93	93	93	94	82	83	80	82
September	67	78	62	55*	71	81	52	46	36	74	69	69	67	70	69	67	65	76
October	54	67	50	40	58	75	49	43	31	72	57	52	54	64	53	46	37	75
November	46	55	43	39	47	64	53	48	41	71	42	39	43	44	47	38	29	74
December	51	56	53	44	52†	67	65	64	59	73	44	36	46	51	55	48	36	81
Year	55	65	53	44	58	70	?	56	49	?	?	?	?	?	50	47	41	63

* Mean of 29 days.
† „ „ 30 „
‡ „ „ 24 „
‖ Mean of 21 days.
§ „ „ 20 „
¶ „ „ 28 „

Month.	19. Sirsa. Mean.	10 hours.	16 hours.	From Minima.	20. Chakrata. Mean.	10 hours.	16 hours	From Minima.	21. Mussooree. Mean.	10 hours.	16 hours.	From Minima	22. Dehra. Mean.	10 hours.	16 hours.	From Minima.	23. Roorkee. Mean.	10 hours.	16 hours.	From Minima.
January .	59	61	38	77	71	66	72	76	71	64†	78†	71	?	79	60	Shade minimum not recorded.	72	71	53	91
February	40	39	27	54	50	43	48	58	51	46	55	52	?	56‡	34§		54	51	27	85
March .	37	36	28	46	44	38	41	53	44	43	44	46	?	44	27		41	32	20	72
April .	34	31	26	45	41	38	32	54	40	39	38	43	?	32	23		33	26	14	60
May .	26	23	20	34	37	35	28	47	40	41	35†	44†	?	31	21		29	25	15	47
June .	41	41	29	54	61	59	56	69	65	66	61	69	?	57	47		46	44	29	66
July .	66	63	54	81	92	89	91	95	94	93	94	94	?	85	81		77	76	66	90
August .	78	76	66	93	94	91	93	97	96	96	96	97	?	87	87		83	80	76	92
September	60	56	42	83	82	76	81	88	84	82	87	82	?	78	68		76	74	61	93
October .	47	40	28	74	64	61	62	70	71	68	76	68	?	64	51†		62	54	42	90
November	45	37	25	72	48	41*	48*	56*	60	54	71	54	?	63	46		58	49	37	88
December	53	51	34	74	52	45	50	60	56	52	64	53†	?	62	42		61	54	40	89
Year .	49	46	35	66	61	57	59	69	64	62	67	64	?	62	49		58	53	40	80

* Mean of 29 days.
† „ „ 30 „
‡ Mean of 27 days.
§ „ „ 26 „

Month.	24. Ranikhet. Mean.	10 hours.	16 hours.	From Minima.	25. Pithoragarh. Mean.	10 hours.	16 hours.	From Minima.	26. Meerut. Mean.	10 hours.	16 hours.	From Minima.	27. Bareilly. Mean.	10 hours.	16 hours.	From Minima.	28. Agar. Mean.	10 hours.	16 hours.	From Minima.
January .	75	74	71	80	74	76	63	82	69	66	51	90	72	71	55	90	62	62	49	76
February .	57	56	52	63	50	48	35	67	44	35	20	77	59	54	39	85	38	35	24	55
March .	54	54	50	59	50	49	36	64	39	30	18	69	59	49	39	89	30	29	15	45
April .	53	52	52	55	50	49	39	61	31	22	15	57	51	43	35	75	25	23	16	37†
May .	41	37	34	51	51	51	38	64	34	28	21	53	59	53	44	81	25	23	14	38
June .	63	56	54	78	69	67	58	83	48	44	33	68	64	58	47	86	41	39	28	57
July . .	87	85	82	95	84	84	75	93	82	76	72	97	80	77	70	92	79	77	71	88
August .	91	87	88	98	88	87	82	95	86	82	81	96	85	83	80	92	87	86	83	93
September.	82	79	78	89	80	81	69	91	72	66	60	90	79	76	67	93	73	70	63	87
October .	64	60	58	73	67	67	50	83	58	49	42	84	64	58	45	89	55	48	40	77
November.	57	54	53	63	60	61	42	76	54	43	38	81	?	57	37	Shade Min. untrustworthy.	46	39	29	71
December.	54	53	47	63	57	60	38	72	61	53	42	88	66	64	45	90*	55	[illegible]	37	76
Year .	65	62	60	72	65	65	52	78	57	50	41	79	?	62	50	?	51	49	39	67

* Mean of 28 days.
† „ „ 22 „

TABLE XII.—MEAN RELATIVE HUMIDITY OF THE AIR IN 1887.

29. LUCKNOW.

Month.	Mean.	10 hours.	16 hours.	From Minima.
January	63	59	46	83
February	39	32	20	66
March	37	29	20	63
April	36	30	23	56
May	37	33	25	54
June	59	56	44	78
July	79	77	71	88
August	85	84	80	92
September	74	69	63	89
October	61	54	44	86
November	54	44	36	82
December	58	51	38	86
Year	57	52	43	77

30. GORAKHPUR.

Mean.	10 hours.	16 hours.	From Minima.
71	67	55	90
55	47	36	83
47	38	28	76
47	43	30	67
53	52	38	70
72	69	61	87
77	73	69	89
84	81	79	91
75	71	66	89
69	62	56	89
64	56	49	87
66	58	51	88
65	60	52	84

31. JHANSI.

Mean.	10 hours.	16 hours.	From Minima.
57	53	42	75
35	27	22*	55
26	22	18	38
23	17	15	38
25	24	18	34
44	42	35	55
85	84	80	91
89	88	85	95
75	73	65	87
54	45	40	77
49	40	35	71
51	40	34	79
51	46	41	66

32. ALLAHABAD.

Mean.	6 hours.	10 hours.	16 hours.	22 hours.	From Minima.
73	91	67	48	84	94
46	71	36	19	56	78
38	62	31	17	42	64
33	53	26	15	39	54
36	52	32	21	39	52
54	73	50	36	57	71
82	92	78	72	87	92
87	94	82	79	92	95
76	90	70	61	82	91
67	88	58	44	78	89
62	88	49	33	76	88
63	91	52	33	78	92
60	79	53	40	68	80

* Mean of 27 days.

33. BENARES.

Month.	Mean.	10 hours.	16 hours.	From Minima.
January	67	64	48	90
February	42	31	19	75
March	36	29	15	63
April	33	27	14	57
May	39	36	25*	57
June	59	58	43	77
July	79	78	70	89
August	84	83	77	92
September	74	71	62	89
October	65	60	48	88
November	58	49	38	87
December	60	53	39	88
Year	58	53	42	79

34. GHAZIPUR.

Mean.	10 hours.	16 hours.	From Minima.
67	64	51	85
44	41	24	68
38	34	21	60
38	33	22	60
46	43	35	61
69	67	59	81
79	76	75	87
81	79	75	88
72	69	64	84
62	59	49	79
54	50	40	73†
59	55	42	79‡
59	56	46	75

35. KATMANDU.

Mean.	10 hours.	16 hours.	From Minima.
72	69	61	87
63	54	49	87
59	45	43	89
64	52	50	91
67	55	54	92
77	69	68	94
77	67	70	95
78	69	70	95
76	64	71	94
70	59	63	89
72	63	60†	92
70	61	59	89*
70	61	60	91

36. SIBSAGAR.

Mean.	10 hours.	16 hours.	From Minima.
87	92	74	96
79	84	60	94
82	82	68	95
79	78	64	94
80	78	69	94
85	84	76	94
82	83	70	93
85	85	77	94
85	84	76	94
84	82	75	95
82	84	66	96
83	88	63	97
83	84	70	95

37. TEZPUR.

Mean.	10 hours.	16 hours.	From Minima.
80	72	71	96
74	65§	63§	95
76	66	66	95
76	73	60	96
82	74	74	97
89	85	83	98
94	95	92	96
98	98	98	98
90	89‖	84¶	97
90	88‖	86‡	96
86	83	78	96
81	79	68	96
85	81	77	96

* Mean of 30 days.
† " " 29 "
‡ " " 28 "
§ Mean of 27 days.
‖ " " 23 "
¶ " " 22 "

TABLE XII.—MEAN RELATIVE HUMIDITY OF THE AIR IN 1887.

Month.	38. Dhubri. Mean.	10 hours.	16 hours.	From Minima.	39. Tura. Mean.	10 hours.	16 hours.	From Minima.	40. Silchar. Mean.	10 hours.	16 hours.	From Minima.	41. Darjeeling. Mean.	10 hours.	16 hours.	From Minima.
January	78	80	59	95	?	68	63	Shade minimum not recorded.	78	81	56	96	?	91‡	93*	?
February	66	68	43	87	?	52	41		64	65	35	93	83	81	83§	86‖
March	66	67	46	85	?	55†	45		75	75	57	92	76	76	74	78
April	72	72	57	88	?	64	54		71	70	52	92	82	83	80*	82*
May	81	79	73	91	?	74	69		76	73	64	91	87	87	85‡	89
June	91	90	87	97	?	83	82		85	80	81	94	94	95	93¶	95
July	85	84	78	93	?	84	82		80	77	68	94	94	93	92†	96
August	86	85	79	94	?	84	81		83	82	73	95	96	96	96*	99¶
September	85	84	77	93	?	84	82		81	79	70	95	91	91	91¶	92
October	79	77	67	93	?	78	76		79	77	65	95	87	85	88¶	87
November	76	75	59	94*	?	71	69		73	69	58	93	79	73*	85‡	78*
December	74	74	53	96	?	67	62		69	68	47	92	71	67	75	72
Year	78	78	65	92	?	72	67		76	75	61	94	?	85	86	?

* Mean of 29 days.
† „ „ 30 „
‡ Mean of 28 days.
§ „ „ 26 „
‖ „ „ 22 „
¶ Mean of 27 days.

Month.	42. Pedong. Mean.	10 hours.	16 hours.	From Minima.	43. Purneah. Mean.	10 hours.	16 hours.	From Minima.	44. Durbhunga. Mean.	10 hours.	16 hours.	From Minima.	45. Patna. Mean.	10 hours.	16 hours.	From Minima.	46. Gya. Mean.	10 hours.	16 hours.	From Minima.
January	88	84	86	93	74	76	54	93	76	77	61	91	72	69	57	90	59	52	45	80
February	77	71*	70§	89*	62	55	41	89	63	61	42	86	53	49	34	77	47	41	32	68
March	72	70	62	85‖	52	47‖	31	78	54	53	36	73	50	46	33	72	53	49	39	71
April	78	74†	71§	90	57	55	36	80	62	61	43	81	50	46	34	69	54	47	40	75
May	85	83	80‡	92	65	61	51	82	69	70	54	84	61	60‖	45‡	78‖	55	46	40	78
June	93	92‡	89†	97	85	82	78	94	82	82	73	91	85	83	79	94	70	66	59	85
July	93	91	92§	96‖	84	81	76	96	83	81	76	91	90	86	87	96	75	71	65	89
August	94	94‡	91‡	96‖	87	86	81	95	86	87	79	93	90	88	86	95	78	75	67	91
September	88	86	85	92	84	81	76	95	82	82	73	92	82	79	75	92	72	67	63	87
October	85	82†	81†	93†	79	76‡	67‡	95‡	76	74	63	90	69	61	58	88	62	55	49	82
November	81	75‡	76	91	72	70	56	89	76	75	60	92	61	61	52	69	56	48	40	81
December	73	68	66	85‖	72	70	53‖	93	71	73	50	90	65	60	49	87	56	48	37	83
Year	84	81	79	92	73	70	58	90	73	73	59	88	69	66	57	84	61	55	48	81

* Mean of 27 days.
† „ „ 28 „
‡ Mean of 29 days.
§ „ „ 26 „
‖ Mean of 30 days.

47. HAZARIBAGH. 48. BERHAMPORE. 49. BURDWAN. 50. JESSORE. 51. DACCA.

Month.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours	From Minima.
January	59	56	46	73	77	71	53	90	62	53	41	93	69	66	51	89	70	65	51	95
February	32	24	19	47	66	55	35	86	48	37	23	85	58	52	35	86	60	53	36	92
March	29	26	17	45	62	56	38	76	51	43	28	81	60	61	40	80	66	64	44	89
April	23	20	15	41	64	60	39	80	55	51	34	80	65	62	48	85	70	64	52	93
May	41	41	35	61	77	73	58	85	69	64	54	89*	76	74	66	88	78	73	67	94
June	71	64	65	83	88	84	76	93	77	72	69	90	83	80	78	92	87	83	82	96
July	86	81	79	93	89	84	81	94	81	76	74	93	86	84	81	94	87	83	80	97
August	85	83	79	95	89	83	80	95	79	74	70	94	86	82	80	95	86	81	81	97
September	78	73	69	88	89	83	80	93	77	71	68	92	83	81†	76†	92†	83	79	75	96
October	60	54	49	75	82	74	70	91	70	63	56	92	77	74	67	91	78	70	68	96
November	49	41	38	68	77	69	57	88	60	52	42	85	71	66	58	90	75	70	60	96
December	48	41	33	66	74	66	50	91	55	46	35	85	67	64	49	87	71	65	52	95
Year	55	50	45	70	78	72	60	89	65	59	50	88	73	71	61	89	76	71	62	95

* Mean of 30 days.
† " " 29 "

52. CHITTAGONG. 53A. CALCUTTA (CHOWRINGHEE.) 53B. CALCUTTA (ALIPORE.) 54. SAUGOR ISLAND.

Month.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	From Minima.	Mean	4 hours.	10 hours.	16 hours.	22 hours.	From Minima.
January	72	69	55	93	71	64	49	92	72	91	63	45*	84	94	75	84	69	62	84	85
February	69	63	53	90	59	52	34	86	63	87	47	30	75	88	73	84	64	59	86	85
March	79	74	69	93	66	62	39	83	70	93	61	40	81	82	84	88	81	77	88	87
April	73	65	63	91	67	60	44	86	70	89	60	44	82	84	82	88	79	76	86	87
May	77	71	72	89	80	70	63	91	77	91	69	62	85	89	80	87	76	74	83	87
June	85	81	81	92	86	76	75	93	83	92	76	76	89	91	86	90	83	80	89	88
July	86	83	83	93	90	82	83	96	87	95	82	82	92	94	87	89	86	84	89	93
August	85	80	83	93	88	79	79	95	86	94	80	79	91	95	85	90	84	79	87	90
September	84	79	80	93	88	81	79	95	86	95	80	78	93	93	86	89	85	81	88	90
October	82	77	74	95	80	67	64	95	82	95	70	65	92	93	81	89	77	70	86	85
November	80	75	70	94	71	61	53	92	74	87	63	52	86	88	76	87	71	61	85	84
December	77	76	62	93	66	59	43	92	69	87	58	40	85	87	71	84	66	52	80	83
Year	79	74	70	92	76	68	59	91	77	91	67	58	86	90	81	87	77	71	86	87

* Mean of 30 days.

55. LIGHT SHIP, (SANDHEADS). 56. CUTTACK. 57. FALSE POINT. 58. SAMBALPUR. 59. RAIPUR.

MONTH.	55. Mean.	55. 10 hours.	55. 16 hours	55. From Minima	56. Mean.	56. 10 hours.	56. 16 hours.	56. From Minima	57. Mean.	57. 10 hours.	57. 16 hours.	57. From Minima.	58. Mean.	58. 10 hours.	58. 16 hours.	58. From Minima.	59. Mean.	59. 10 hours.	59. 16 hours.	59. From Minima.
January		Imperfect		Shade minimum not recorded.	65	60‡	44	90§	74	65	61§	96	62	57	40	88	56	52	34	81
February	?	82*	78*		56	50	32	86‖	71	60	57	96	48	37	22	84	31	24	15	54
March	?	87	86		64	61	41	90	80	72	73	95	46	43	23	73	24	20	13	38
April	?	88	86		71	65	57	90	82	75	76	95	44	40	22	70	31	29	17	46
May	?	92†	90†		63	59	48	81	83	78	77	94	43	41	24	64	21	19	11	33
June	?	95	95		73	66	64	89	82	77	77	92	61	58	49	77	61	57	49§	77
July					78	71	70‡	93	84	78	79	96	81	80	74	89	83	80	77	92
August					80	73	74	92	85	82	78	94	81	80	73	90	82	81	73	92
September					78	72	71	91	82	77	77	93	76	74	66	88	74	70	62	91
October		Not recorded.			71	65	60	89	77	69	68	94	69	65	53	89	61	55	44	84
November					64	57	47	87	74	65	61	96	62	55	43	87	52	45	35	76
December					62	55	43	89	81	74	70	98	59	53	37	87	48	42	29	73‡
Year					69	63	54	89	80	73	71	95	61	57	44	82	52	48	38	70

* Mean of 26 days.
† „ „ 24 „
‡ Mean of 30 days.
§ „ „ 29 „
‖ Mean of 27 days.

60. NAGPUR. 61. SEONI. 62. JUBBULPORE. 63. SAUGOR. 64. PACHMARHI.

MONTH.	60. Mean.	60. 10 hours.	60. 16 hours.	60. From Minima.	61. Mean.	61. 10 hours.	61. 16 hours.	61. From Minima.	62. Mean.	62. 10 hours.	62. 16 hours.	62. From Minima.	63. Mean.	63. 10 hours.	63. 16 hours.	63. From Minima.	64. Mean.	64. 10 hours.	64. 16 hours.	64. From Minima.
January	55	53	36	76	59	52	41	85	66	65	43	90	54	51	40	72	60	55	49	76
February	28	24	15	44	36	26	20	61	45	37	20	79	30	24	16	49	35	22	21	61
March	23	21	15	34	26	18	15	44	34	23	16	62	23	17	13	40	26	23	16	39
April	28	26	17	41	30	22	18	50	28	20	14	50	19	14	10	34	25	19	15	40
May	25	23	16	36	25	20	15	40	27	23	14	43	24	22	10	39	31	30	20	44
June	66	64	57	78	62	57	54	74	59	55	47	74	56	55	43	70	70	70	63	77
July	85	84	80	90	85	84	81	91	88	86	84	95	87	86	82	93	90	91	89	90
August	84	84	77	92	83	79	79	91	86	84	79	94	89	87	84	95	91	91	89	92
September	76	73	68	88	72	66	62	88	79	75	68	95	76	74	63	91	85	84	81	89
October	61	56	47	80	55	44	40	81	66	61	44	92	54	49	39	75	62	50	53	83
November	56	52	43	74	50	39	34	76	59	50	38	89	47	39	31	71	58	47	50	77
December	52	49	34	74	51	41	32	80	59	54	35	87	45	38	30	67	57	49	47	76
Year	53	51	42	67	53	46	41	72	58	53	42	79	50	46	38	66	58	53	49	70

	65. HOSHANGABAD.				66. KHANDWA.				67. CHANDA.				68. SIRONCHA.				69. CHIKALDA.			
MONTH.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	62	60	42	85*	52	45	30	81	54	47	30	86	Observatory temporarily closed.				61	60	50	73
February	44	37	24	72	34	25	17	60	38	28	13	73					31	28	25	40
March	?	22	16	Shade min. untrustworthy.	25	22	16	38	29	23	12	53					28	26	22	36
April	?	19	16		21	18	13	32	32	29	17	51	42	44†	22†	59†	26	22	21	34
May	?	33	19		40	42	23	54	25	23*	14*	39*	32	32	18	45	43	43	28	58
June	?	66	52		63	63	50	77	61	59	49	75	64	65	54	73	79	81	66	90
July	?	88	84		83	80	77	92	80	76	73	91	83	83	78	87	96	97	94	98
August	?	88	83		82	82	77	86	79	75	69	93	84	86	77	88	97	98	94	99
September	?	77	68		72	73	63	81	76	70	64	93	78	79	67	87	90	91	85	95
October	?	59	45		59	50	40	86	69	61	54	91	69	69	55	82	60	54	56	69
November	63	52	39	79†	58	49	36	90	67	58	53	91	69	69	52	85	57	53	56	63
December	58	54	41	80	51	42	30	82	61	50‡	39‡	94‡	62	62	42	83	52	47	47	61
Year	?	55	44	?	53	49	39	72	56	50	41	78	?	?	?	?	60	58	54	68

* Mean of 30 days.
† „ „ 22 „
‡ Mean of 28 days.

	70. BULDANA.				71. AKOLA.				72. AMRAOTI.				73. NEEMUCH.				74. NOWGONG.			
MONTH.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	41	40	27	56	48	43	28	73	52	48	34	73	47	38†	32§	70†	69	64	50	93‖
February	19	17	11	29	27	19	12	50	26	22	17	40	?	Imperfect.			42	32	18	76
March	29	17	12	29	23	18	12	39	22	21	14	32	38	36	32	46	33	26	14	60
April	21	19	14	31	22	17	12	38	22	20	15	31	?	Imperfect.			25	19	11	44
May	41	41	24	57	33	30	18	50	30	27	20	42	?	39‡	24‖	Imperfect.	24	21	11	40
June	66	62	55	81*	60	59	44	78	62	55	51	80	64	63	52	77	46	42	33	62
July	84	81	80	90	81	78	73	92	84	84	75	92	86	86	78	95	84	81	77	93
August	82	79	78	90	80	78	69	93	86	83	81	94	86	85	79	95	86	84	79	94
September	77	76	68	88	74	71	60	90	76	73	64	90	76	73	62	92*	?	69	59	Shade min. imperfect.
October	55	52	44	69	61	54	42	87	56	51	42	75	45	38	29	69	?	56	41	Do. not recorded.
November	53	48	46	66	58	49	37	88	56	52	43	72	45	39	30	66	?	53	37	Shade min. imperfect.
December	43	37	33	58	53	44	31	84	53	50	42	68	43	38	28	64	57	49	36	87
Year	50	47	41	62	52	47	37	72	52	49	42	66	?	?	?	?	?	50	39	?

* Mean of 29 days.
† „ „ 27 „
‡ Mean of 22 days.
§ „ „ 26 „
‖ Mean of 21 days.

TABLE XII.—MEAN RELATIVE HUMIDITY OF THE AIR IN 1887.

75. SUTNA. 76. INDORE. 77. BICKANEER. 78. JEYPORE.

Month.	75. Sutna. Mean.	10 hours.	16 hours.	From Minima.	76. Indore. Mean.	10 hours.	16 hours.	From Minima.	77. Bickaneer. Mean.	10 hours.	16 hours.	From Minima.	78. Jeypore. Mean.	4 hours.	10 hours.	16 hours.	22 hours.	From Minima.
January	63	58	44	87	49	41	32	75	29	16	31	41	54	68	46	39	62	69
February	36	25	14	70	28	18	14	53	29	21	22	43	29	42	21	15	39	43
March	31	22	13	58	25	16	12	48	27	20	21	39	23	33	20	12	28	38
April	22	15	9	43	21	14	11	38	27	20	20	41	21	31	17	11	26	38
May	24	21	14	38	36	34	18	57	25	20	17	38	23	34	22	12	25	37
June	48	42	39	62	62	58	48	80	30	26	24	39	45	60	42	30	50	62
July	84	84	76	91	88	85	83	96	36	32	33	43	80	88	77	71	84	92
August	83	80	78	92	88	86	83	95	41	36	39	49	87	94*	83	77	92	97
September	71	66	61	87	78	73	67	95	43	36	29	64	67	84	58	48	78	89
October	59	52	40	84	56	45	40	82	40	28	24	67	42	61	34	24	49	70
November	52	41	35	80	54	41	40	82	29	16	15	56	40	56	28	25	49	65
December	49	40	30	76	55	37	47	80	32	21	18	56	46	62	35	28	58	71
Year	52	46	38	72	53	46	41	73	32	24	24	48	46	59	40	33	53	64

* Mean of 30 days.

79. SAMBHAR. 80. AJMERE. 81. MOUNT ABU. 82. PACHPADRA.

Month.	79. Sambhar. Mean.	10 hours.	16 hours.	From Minima.	80. Ajmere. Mean.	10 hours.	16 hours.	From Minima.	81. Mount Abu. Mean.	10 hours.	16 hours.	From Minima.	82. Pachpadra. Mean.	10 hours.	16 hours.	From Minima.
January	57	58	40	74	55	54	42	70	44	40	40	53*	44	43	28	61
February	33	34	21	45	35	31	25	48	26	21	20	36	26	25	16	36
March	23	23	15	30	48	44	39	61	22	18	20	29*	32	36	21	39
April	22	21	14	32	42	40	34	53	23	20	19	30	26	28	15	35
May	28	28	16	40	47	46	38	56	32	29	29	37	43	51	24	54
June	44	44	32	56	55	54	41	70	71	72	58	84	47	53	31	58
July	78	79	70	85	80	79	74	86	94	94	90	97	68	70	51	84
August	85	83	80	91	84	85	77	89	96	96	94	98	68	71	50	84
September	64	63	50	78	65	66	54	74	70	66	69	76	54	59*	32*	72*
October	45	42	30	63	46	41	31	66	41	34	35	53	35	34	22	49
November	41	37	30	56	42	35	30	60	37	32	32	48	26	23	18	36
December	49	45	34	67	48	42	35	68	46	43	43	53	35	34	28	43
Year	47	46	36	60	54	51	43	67	50	47	46	58	42	44	28	54

* Mean of 30 days.

TABLE XII.—MEAN RELATIVE HUMIDITY OF THE AIR IN 1887.

Month.	83. Jacobabad. Mean.	10 hours.	16 hours.	From Minima.	84. Hyderabad. Mean.	10 hours.	16 hours.	From Minima.	85. Kurrachee. Mean.	10 hours.	16 hours.	From Minima	86. Bhuj. Mean.	10 hours.	16 hours.	From Minima.	87. Rajkot. Mean.	10 hours.	16 hours.	From Minima.
January	52	42	30	83	45	42	31	62	61	53	48	62	46	44	30	63	46	40	36	63
February	Untrustworthy.				34	29	18	55	55	43	45	61	36	33	24	52	41	29	45	50
March	30	18	13	58	33	28	20	52	61	46	52	73	44	34	26	72	40	31	20	69
April	29	18	12	56	40	31	25	63	73	62	61	84	47	34	28	79	45	38	20	77
May	22	12	6	47	44	32	29	71	76	66	68	82	55	44	43	79	53	47	30	82
June	38	36	19	60	46	43	37	57	72	65	65	81	63	56	52	80	63	55	46	89
July	47	43	29	69	60	56	49	75	80	76	74	86	75	72	71	83	77	73	71	88
August	55	50	37	79	60	54	52	74	78	74	73	84	75	74	66	85	82	78	75	94*
September	44	40	22	70	54	43	41	79	75	68	70	84	63	56	49	85	69	63	50	93
October	36	29	19	60	37	28	24	59	62	52	54	80	42	36	27	62	61	53	43	86
November	39	29	24	65	30	21	17	53	41	30	37	49	25	22	16	38	47	38*	33	69*
December	42	35	26	65	42	33	29	64	48	40	37	55	32	31	20	44	44	35	31	66†
Year	?	?	?	?	44	37	31	64	65	56	57	73	50	45	38	69	56	48	42	77

* Mean of 29 days.
† „ „ 30 „

Month.	88. Deesa. Mean.	10 hours.	16 hours.	From Minima.	89. Surat. Mean.	10 hours.	16 hours.	From Minima.	90. Malegaon. Mean.	10 hours.	16 hours.	From Minima.	91. Bombay. Mean.	6 hours.	10 hours	16 hours.	22 hours.	From Minima.
January	42	35	22	59	60	54	39	88	42	34	23	68	73	80	70	64	77	80
February	20	17	11	45	48	38	27	80	27	21	17	44	67	74	62	60	73	71
March	24	27	8	45	55	45	34	87	25	19	16	39	74	82	69	67	78	81
April	21	21	9	43	53	44*	34*	81*	22	17	15	35	77	85	73	69	82	84
May	39	43	19	65	67	59	58	85	41	33	26	65	71	77	67	66	75	77
June	52	52	33	71	76	70	69	90	64	59	53	81	84	86	82	80	86	87
July	79	75	66	89	86	84	82	92	78	75	72	87	87	89	86	85	88	90
August	81	78	71	92	85	83	80	93	75	69	70	86	85	88	85	82	86	90
September	62	57	41	84	76	70	67	91	67	62	55	85	84	88	83	78	86	90
October	35	29	18	63	58	49	42	84	51	44	33	77	77	83	70	72	81	82
November	26	25	17	34	57	49	40	82	55	47	41	76	70	75	63	67	75	76
December	36	27	22	55	?	43†	37†	Shade min. imperfect.	45	38	29	68	67	74	61	61	73	74
Year	43	41	28	62	?	57	51	?	49	43	38	68	76	82	73	71	80	82

* Mean of 29 days,
† „ „ 26 „

TABLE XII.—MEAN RELATIVE HUMIDITY OF THE AIR IN 1887.

92. POONA. 93. SHOLAPUR. 94. RATNAGIRI. 95. BELGAUM. 96. KARWAR.

Month.	92. Poona. Mean.	10 hours.	16 hours.	From Minima.	93. Sholapur. Mean.	10 hours.	16 hours.	From Minima.	94. Ratnagiri. Mean.	10 hours.	16 hours.	From Minima.	95. Belgaum. Mean.	10 hours.	16 hours.	From Minima.	96. Karwar. Mean.	10 hours.	16 hours.	From Minima.
January	42	37	23	89	49	46	32	68	60	48	58	73	42†	37	26	79†	73	68	58	92
February	27	21	12	74	34	32	23	48*	57	43	57	70	27	19	16	62	70	64	58	89
March	28	19	14	67	30	28	21	42	63	57	64	68	41	25	29	78	73	65	63	92
April	30	18	17	60	32	28	20	48†	69	62	65	80	52	36	42	80	74	67	68	87
May	56	45	37	83	48	45‡	30‡	70§	68	62	63	79	64	53	51	91	72	68	65	83
June	77	67	66	90	64	57	48	87†	85	82	83	91	85	81	82	95	86	84	82	92
July	84	79	77	93	73	66	60	92	89	85	88	93	89	86	87	96	86	85	83	91
August	81	78	74	95	75	69	63	93	87	85	86	90	88	83	84	97	88	85	83	95
September	78	71	69	94	73	68	59	91	86	82	84	92	85	76	79	98	86	82	80	95
October	55	50	40	89	63	57	48	85	74	62	73	88	77	71	68	95	84	79	79	95
November	51	47	39	88	54	46	35	81	64	47	64	82	63	59	50	89	78	74	67	92
December	44	36	29	85	47	42	31	67	54	36	51	75	51	50	35	80	65	57	54	83
Year	54	47	41	84	54	49	39	73	71	63	70	82	64	56	54	87	78	73	70	91

* Mean of 27 days.
† " " 29 "
‡ Mean of 26 days.
§ " " 25 "

97. GOPALPUR. 98. VIZAGAPATAM. 99. RAJAHMUNDRY. 100. MASULIPATAM.

Month.	97. Gopalpur. Mean.	10 hours.	16 hours.	From Minima.	98. Vizagapatam. Mean.	4 hours.	10 hours.	16 hours.	22 hours.	From Minima.	99. Rajahmundry. Mean.	10 hours.	16 hours.	From Minima.	100. Masulipatam. Mean.	10 hours.	16 hours.	From Minima.
January	P	64	66	Shade minimum not recorded.	67	71	65	60	72	60	55	54	37	85	75	70	67	93
February	P	56	66		64	69	59	60	67	56	48	49	29	80	72	67	62	95
March	P	77	79		68	72	63	65	70	62	52	51	36	82	73	64	65	94
April	P	76	78		66	73	60	63	69	61	50	49	34	78	71	62	64	91
May	P	78	81		67	70	64	65	70	60	41	40	28	63	52	47	44	73
June	P	77	81		69	72	66	65	71	62	56	54	45	76	68	63	61	84
July	P	79	82		72	75	71	67	73	65	70	68	63	84	73	71	64	87
August	P	79	80		71	73	68	69	73	62	72	69	64	85	80	76	72	92
September	P	73	73		71	75	68	66	73	64	63	59	53	84	75	75	67	91
October	P	70	74		70	73	67	66	72	62	64	58	58	83	84	79	80	95
November	P	67	67		68	73	63	64	71	61	63	57	53	85	80	77	72	96
December	P	58	57*		57	63	52	52	60	47	49	42	38	76	74	68	69	90
Year	P	71	74		68	72	64	64	70	60	57	54	45	80	73	68	66	90

* Mean of 30 days.

TABLE XII.—MEAN RELATIVE HUMIDITY OF THE AIR IN 1887.

Month.	101. Secunderabad.					102. Kurnool.					103. Bellary.					104. Mangalore.					105A. Mercara.				
	Mean.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.		Mean.	10 hours.	16 hours.	From Minima.		Mean.	10 hours.	16 hours.	From Minima.		Mean.	10 hours.	16 hours.	From Minima.	
January	61	58	44	62	88	47	46	32	78		47	50	32	68		69	59	62	85		67	64	51	85	
February	50	50	34	49	78	42	38	29	74		34	37	23	52†		64	53	58	82		55	48	40	78	
March	47	46	30	44	73	35	35	20	66		33	37	22	48		70	64	64	83		69	58	58	90	
April	48	46	31	48	71	40	38	21	73*		39	42	27	54		71	67	66	81		73	62	66	90	
May	43	43	29	43	60	42	43	23	72		44	46	29	68		73	69	66	86		81	78	73	92	
June	71	66	57	75	86	59	57	47	80		60	58	51	78		88	87	84	93		94	93	93	95	
July	79	76	70	82	89	66	65	55	82		63	61	56	77		89	88	85	93		96	97	96	96	
August	78	73	66	84	88	69	70	58	84		64	63	52	82		87	85	83	93		94	92	93	96	
September	74	68	60	82	89	70	69	60	84		65	65	55	81		87	84	82	94						
October	65	58	48	72	83	64	59	53	86		67	64	57	86		84	80	80	93						
November	64	56	50	72	83	61	57	47	88		64	60	50	90		75	68	70	88		Discontinued.				
December	61	55	44	64	84	55	52	42	83		59	58	44	85		60	49	54	77						
Year	62	58	47	65	81	54	52	41	79		53	53	42	72		76	71	71	87						

* Mean of 28 days.
† „ „ 27 „

Month.	105B Mercara (Civil Dispensary).				106. Bangalore.					107. Caddapah.				108. Madras.				
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.
January	60	63	47	71	64	61	43	72	89	57	55	40	89	79	67	66	85	95
February	47	43	32	67	53	48	32	62	81	44	43	29	75	75	62	62	83	96
March	63	51	55	84	54	56	36	55	72	38	38	23	61	78	64	71	85	94
April	73	61	68	89	56	59	39	54	76	39	39	23	63	80	68	74	83	93
May	80	76	74	90	63	61	46	61	84	38	40	26	53	66	49	64	76	78
June	93	91	92	95	79	73	69	80	89	55	52	41	75	71	62	62	76	81
July	95	94	94	96	80	75	68	82	91	58	55	47	77	68	60	58	74	79
August	93	90	93	96	80	76	67	82	92	65	62	54	84	79	68	73	86	89
September	89	85	87	94	80	77	67	84	92	67	64	55	85	79	67	75	88	87
October	85	81	82	92	81	75	74	84	90	71	67	62	89	86	80	79	90	95
November	84	80	80	92	79	74	70	82	90	76	73	68	92	85	78	76	90	95
December	76	76	66	87	76	72	66	76	89	71	69	61	86	83	78	76	85	93
Year	78	74	73	88	70	67	56	73	86	57	55	44	77	77	67	70	83	90

Month.	109. Salem.					110. Wellington.					111. Calicut.				112. Coimbatore.			
	Mean.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	70	70	54	74	83	60	45	57	75	66	Untrustworthy.				56	65	47	58
February	62	58	46	66	83	50	31	45	65	64					47	58	38	52
March	61	60	44	60	84	57	43	48	66	73					52	61	40	60
April	65	64	47	66	86	70	56	59	77	86	76	70	69	89	57	65	44	68
May	66	63	49	71	86	71	56	61	82	83	78	71	69	93	63	63	56	72
June	76	71	63	83	86	79	72	75	83	84	88	86	83	95	71	73	71	70
July	74	70	60	81	86	71	67	67	74	76	88	87	82	95	67	69	64	68
August	75	71	60	83	86	78	67	75	83	85	85	82	78	95	67	72	61	71
September	75	71	61	82	86	75	63	71	82	82	86	84	80	94	66	67	62	69
October	80	76	75	84	84	84	77	81	89	88	82	79	76	92	72	76	71	71
November	80	75	74	86	80	87	78	86	94	91	80	76	70	93	73	77	71	68
December	76	72	72	79	79	84	74	80	92	88	72	64	63	90	70	73	70	66
Year	72	68	59	76	84	72	61	67	80	81	?	?	?	?	63	68	58	66

* Mean of 20 days.

Month.	113. Trichinopoly.					114. Negapatam.					115. Madura.				116. Cochin.			
	Mean.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	66	61	45	75	90	76	70	67	76	89	56	56	39	83	71	59	59	81	87
February	59	56	34	71	88	72	64	63	75	86	51	50	35	77	68	55	58	79	87
March	55	56	33	61	81	75	67	65	78	91	51	53	34	76	75	67	66	76	91
April	61	57	41	68	85	78	69	70	81	90	56	54	42	79	78	72	70	80	89
May	54	50	35	64	75	69	54	59	80	83	51	50	40	71	80	74	70	83	93
June	60	55	46	67	75	71	58	62	80	84	57	52	51	73	90	86	85	92	97
July	58	54	42	65	72	67	57	56	75	81	49	45	42	64	87	82	81	90	95
August	65	61	46	80	81	75	66	66	80	87	55	51	47	74	87	80	79	90	96
September	62	56	45	74	79	72	65	62	79	85	54	49	46	71	86	81	78	89	96
October	80	76	68	85	87	84	79	78	84	94	70	66	60	87	85	78	76	90	96
November	82	75	75	90	89	83	80	78	81	94	72	68	65	86	81	73	71	86	96
December	84	82	80	90	82	85	83	81	84	93	73	71	69	81	76	66	68	85	90
Year	66	62	49	74	82	76	68	67	79	88	58	55	48	77	80	73	71	85	93

Station.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
117. Colombo	68	70	72	78	76	74	73	73	73	81	80	82	75
118. Jaffna	77	72	74	78	82	83	81	86	80	80	85	89	81
119. Trincomalee	82	77	76	80	70	68	70	69	71	73	83	90	76
120. Batticaloa	86	82	81	81	78	74	75	Temperature of evaporation not recorded.			89	92	?
121. Hambantota	77	74	75	81	82	81	78	80	74	78	80	83	79
122. Galle	89	85	84	90	90	92	90	90	90	97	93	93	90
123. Kandy	76	69	65	77	76	.86	77	72	77	81	82	86	77
124. Newera Eliya	80	72	60	87	91	97	89	93	87	91	92	96	86

Month.	125. Bhamo.				126. Kendat.				127. Mandalay.				128. Akyab.				129. Thayetmyo.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	81	84	64	94	?	83‖	71*	Imperfect	66	70	48	80	66	67	56*	76	65	61	39	94
February	76	79	55	94	?	76**	61	Min. not recorded.	52	51	30	74	62	58	54	74	59	56	30	91
March	75	72*	63	89*	?	72†	64*	Untrustworthy.	44	43	26	62*	67	63	58	79	3	48	30	82
April	68	66	52†	85	?	60‖	58	Do.	45	46	28	62	65	57	58	80	54	50	33	80
May	88	87	80*	97*	?	76	75	Do.	63	61	52	75	75	74	72	80	73	69	64	86
June	91	89	87	98‡	?	82**	83§	Do.	66	64	56	79	80	82	78	79	76	70	67	91
July	88	85	81*	98§	?	92†	91‖	Do.	71	68	65	79	86	89	87	82	84	79	81	93
August	88	87	80	98	?	91‖	94‖	Do.	76	74	71	83	85	88	82	85	82	77	75	93
September	87	85	80	97	?	89‖	87‖	Do.	73	73	65	82	82	84†	81	82†	84	80	77	94
October	?	82	72	Shade minimum untrustworthy.	?	86	81	Do.	68	64	57	82	77	79	70	81	79	76	66	94
November	?	78	70		?	87†	83‖	Imperfect.	67	68	51	83	76	79	68	81	69	64	50	94
December	?	78	59		?	89†	79*		62	64*	43	80	68	71	57	76	64	58	43	92
Year	?	?	?	?	?	82	77		63	62	49	77	74	74	68	80	70	66	55	90

* Mean of 30 days.
† " " 29 "
‡ Mean of 23 days.
§ " " 24 "
** " " 27 "
‖ Mean of 28 days.

TABLE XII.—MEAN RELATIVE HUMIDITY OF THE AIR IN 1887.

130. TOUNGOO. 131. BASSEIN. 132. DIAMOND ISLAND. 133. RANGOON. 134. MOULMEIN.

MONTH.	130. Toungoo. Mean.	10 hours.	16 hours.	From Minima.	131. Bassein. Mean.	10 hours.	16 hours.	From Minima.	132. Diamond Island. Mean.	10 hours.	16 hours	From Minima.	133. Rangoon. Mean.	10 hours.	16 hours.	From Minima.	134. Moulmein. Mean.	10 hours.	16 hours.	From Minima.
January	67	73	54	75	69	65	50	93	70	65	58	87	64	63	42	88	67	65	45	92
February	58	61	40	73	64	56	42	93	71	65	62	86	61	63	36	85†	65	62	42	91
March	55	57	37	72	65	56	46	94	76	68	68*	92	67	66	46	88	69	63	52	93
April	60	59	46	75	69	60	55	93	75	67	68	90	67	61	56	85	74	70‡	59‡	92‡
May	73	73	65	81	83	78	76	95*	82	77	75	94	85	82	81	92	84	79	79	95
June	83	84	80	85	88	83	85	96	87	81	81	98	90	88	88	93	89	87	83	96
July	88	90	89	86	89	87	84	96	89	84	85	98	91	91	90	92	92	90	88	97
August	85	87	83	85	90	86	86	97	89	84	84	98	91	91	88	93	89	85	86	97
September	84	86	83	84	89	85	84	97	88	83	82	98	89	89	90	88	93	91	90	98
October	78	82	70	81	84	77	77	97	81	76	74	94	82	80	78	88	79	74	69	94
November	73	75	64	80	75	67	63	94	79	73	69	94	70	70	61	80	69	63	55	89
December	69	71	59*	78	67	58	50	93	71	67*	63*	83*	67	66	55	80	62	55	43	88
Year	73	75	64	80	78	72	67	95	80	74	72	93	77	76	68	88	78	74	66	94

* Mean of 30 days. † Mean of 27 days. ‡ Mean of 28 days.

135. MERGUI. 136. COCOS ISLAND. 137. PORT BLAIR. 138. NANCOWRY.

MONTH.	135. Mergui. Mean.	10 hours.	16 hours.	From Minima.	136. Cocos Island. Mean.	10 hours.	16 hours.	From Minima.	137. Port Blair. Mean.	10 hours.	16 hours.	From Minima.	138. Nancowry. Mean.	10 hours.	16 hours.	From Minima.
January	80	77	73	90	Imperfect.				75	74	70	81	76	71	72	86
February	79	76	71	91	Untrustworthy.				74	72	65	86	79	76	74	88
March	80	77	70	92	Imperfect.				75	71	69	84	79	74	74	88
April	81	76	72	95	?	71	71*	Shade minimum not recorded.	79	74	71	91	80	73	75	91
May	88	85	85	93	?	78	79		83	81‡	82	87	84	82	79	91‡
June	88	85	86	94	?	85	83†		87	86	85	91	87	81	82	97
July	90	89	88	94	91	87	88	99‡	86	83	85	89	84	80	78	93
August	87	85	84	93	?	87	85	Untrustworthy.	86	85	85	89	85	82	79	94
September	87	85	83	94	?	87	88	Do.	85	81	81	92	82	79	78	96
October	82	78	75	94	?	78	78	Do.	85	83	80	93	81	76	77	91
November	78	72	71	92	?	74	78	Do.	81	78	76	88	82	75	78	92
December	71	60	61	92	?	69	72	Do.	79	76	73	87	80	75	76	89
Year	83	79	77	93	?	?	?	?	81	79	77	88	82	77	77	91

* Mean of 29 days. † Mean of 28 days. ‡ Mean of 30 days.

TABLE XIII.—MEAN PROPORTION OF CLOUDED SKY IN 1887. (137 STATIONS).

Month.	1. Baghdad. Mean.	10 hours.	16 hours.	2. Aden. Mean.	10 hours.	16 hours.	3. Amini Divi. Mean.	10 hours.	16 hours.	4. Quetta. Mean.	10 hours.	16 hours.	5. Leh. Mean.	6 hours.	10 hours.	16 hours.	22 hours
January	Observatory opened in October 1887.			4·65	6·30*	3·00†	5·99	5·55	6·42	4·51	4·39	4·63*	7·02	7·42	8·06	7·16	5·45
February				3·52	5·50	1·54	3·02	3·29	2·75	3·11	2·61	3·61	6·23	6·39	6·14	7·00	5·39
March				3·09	4·87	1·31‡	3·52	4·13	2·90	1·47	1·10	1·84	5·59	5·23	5·48	6·42	5·23
April				2·19	3·47	0·90	5·47	5·57	5·37	2·50	1·23	3·77	5·38	4·50	5·83	6·47	4·73
May				0·34	0·55	0·13	6·73	6·61	6·84	0·30	0·23	0·36	6·30	6·48	6·55	6·29	5·87
June				1·24	1·17	1·30	9·39	9·27	9·50	0·63	0·23	1·03	6·89	7·17	6·93	6·77	6·70
July				3·03	3·73*	2·32	8·61	8·74	8·48	1·34	0·29	2·39	4·63	4·52	5·61	5·65	2·74
August				1·39	2·03	0·74	8·21	8·26	8·16	1·19	0·19	2·19	6·28	6·29	7·10	7·39	4·35
September				1·53	2·23	0·83	7·57	7·60	7·53	0·22	0·07	0·37	4·09	3·50	4·87	5·20	2·80
October	0·69	0·55	0·83*	1·66	2·42	0·90*	7·92	7·81	8·03	0·08	0	0·16	4·33	4·00	4·81	6·55	1·94
November	3·02	2·43	3·60	1·90	2·53	1·27	6·25	6·13	6·37	0·37	0·40	0·33	2·36	1·83	2·47	4·03	1·10
December	3·87	3·48	4·26	3·52	5·23	1·80*	6·26	6·29	6·23	2·08	2·42	1·74	5·35	4·00	5·87	7·74	3·77
Year	?	?	?	2·34	3·34	1·34	6·58	6·60	6·55	1·48	1·10	1·87	5·37	5·11	5·81	6·39	4·17

* Mean of 30 days.
† „ „ 28 „
‡ „ „ 29 „

Month.	6. Mooltan. Mean.	10 hours.	16 hours.	7. D. I. Khan. Mean.	10 hours.	16 hours.	8. Peshawar. Mean.	10 hours.	16 hours.	9. Murree. Mean.	10 hours.	16 hours.	10. Rawalpindi. Mean.	10 hours.	16 hours.	11. Sialkot. Mean.	10 hours.	16 hours.
January	3·92	3·42	4·42	3·53	3·48	3·58	4·71	4·52	4·90	6·26	6·13	6·39	4·68	4·58	4·78	5·39	5·00	5·77
February	3·97	3·57	4·36	2·84	2·50	3·18	4·45	4·04	4·86	5·39	5·21	5·57	3·14	2·73*	3·54*	4·16	3·71	4·61
March	2·21	1·65	2·77	1·71	1·45	1·97	3·47	2·58	4·35	4·51	4·65	4·36	2·95	3·13	2·77	3·73	3·48	3·97
April	0·72	0·47	0·97	1·42	0·93	1·90	3·97	2·90	5·03	4·20	3·17	5·23	1·87	1·17	2·57	2·57	2·20	2·93
May	0·18	0	0·36	0·41	0·26	0·55	1·45	0·90	2·00	3·04	2·68	3·39	0·79	0·58	1·00	1·08	0·61	1·55
June	0·69	0·37	1·00	1·15	1·03	1·27	2·53	1·33	3·73	3·65	3·17	4·13	2·05	2·03†	2·07	2·25	2·30	2·20
July	0·71	0·65	0·77	1·59	1·23	1·94	2·28	2·32	2·23	7·20	7·39	7·00	3·84	5·06	2·61	6·15	6·84	5·45
August	2·13	1·52	2·74	1·84	1·52	2·16	3·32	2·58	4·06	8·26	8·13	8·39	3·76	4·23	3·29	5·68	6·58	4·77
September	0·42	0·23	0·60	0·77	0·60	0·93	1·97	1·37	2·57	2·07	2·17	1·97	1·06	1·54‡	0·57‡	1·59	1·97	1·20
October	0·25	0·23	0·26	0·42	0·48	0·36	1·33	1·10	1·55	1·68	1·65	1·71	0·76	0·71	0·81	1·23	1·45	1·00
November	0·32	0·30	0·33	0·50	0·43	0·57	0·55	0·47	0·63	0·60	0·60	0·60	0·35	0·37	0·33	0·90	0·97	0·83
December	1·34	1·16	1·52	2·39	2·16	2·61	3·39	3·42	3·35	4·37	4·06	4·68	2·71	2·00	3·42	3·34	2·97	3·71
Year	1·41	1·13	1·68	1·55	1·34	1·75	2·79	2·29	3·27	4·27	4·08	4·45	2·33	2·34	2·31	3·17	3·17	3·17

* Mean of 26 days.
† „ „ 29 „
‡ „ „ 28 „

TABLE XIII.—MEAN PROPORTION OF CLOUDED SKY IN 1887.

12. LAHORE. 13. LUDHIANA. 14. CHAMBA. 15. KAILANG.

Month.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	10 hours.	16 hours.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	10 hours.	16 hours.
January	3·87	3·90	4·10	4·64	2·84	5·60	5·65	5·55	5·96	5·41	6·22	6·25	5·96	7·42	7·74	7·10
February	2·54	1·39	3·14	4·18	1·43	3·77	3·57	3·96	4·88	3·46	4·57	6·93	4·57	6·25	5·46	7·04
March	2·23	0·97	2·71	3·35	1·90	2·62	2·68	2·55	4·15	3·52	4·06	5·42	3·61	5·94	5·26	6·61
April	1·81	1·83	1·87	2·97	0·57	2·60	1·73	3·47	2·93	1·86*	3·00	4·90	1·97	5·17	3·53	6·80
May	1·17	1·32	0·94	1·84	0·58	0·94	1·13	0·74	2·38	2·39	2·52	3·16	1·45	5·44	4·19	6·68
June	3·94	3·77	4·10	4·43	3·47	3·82	3·23	4·40	4·54	4·48*	4·13	5·93	3·60	6·85	5·93	7·77
July	4·98	5·52	5·81*	5·52	3·06	7·53	7·71	7·35	7·23	8·68	6·61	7·48	6·16	6·68	6·32	7·03
August	4·20	4·19	5·29	4·52	2·81	8·06	8·06	8·06	7·05	8·29	6·87	7·39	5·65	7·55	7·45	7·65
September	0·67	0·77	1·03	0·43	0·43	2·79	3·10	2·47	2·39	1·97	2·93	3·23	1·43	4·95	4·73	5·17
October	0·23	0·29	0·19	0·45	0	0·50	0·26	0·74	1·62	0·68	1·23	3·61	0·94	3·34	1·84	4·84
November	0·34	0·20	0·43	0·47	0·27*	1·30	0·90	1·70	0·72	0·33	0·90	1·00	0·63	2·35	1·47	3·23
December	1·64	1·06	1·90	2·55	1·03	3·60	3·42	3·77	3·85	2·35	4·45	5·39	3·19	5·87	5·45	6·29
Year	2·30	2·10	2·63	2·95	1·53	3·59	3·45	3·73	3·98	3·62	3·96	5·06	3·26	5·65	4·95	6·35

* Mean of 29 days.

16. SIMLA. 17. DELHI. 18. SIRSA. 19. CHAKRATA. 20. MUSSOOREE. 21. DEHRA.

Month.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	9½ hours.	15½ hours.
January	7·32	6·48	8·16	6·04	6·00	6·07	4·73	4·26	5·19	6·83	6·23	7·42	6·67	6·23	7·10	6·10	5·55	6·65
February	4·43	3·50	5·36	1·68	0·96	2·39	3·04	2·50	3·57	3·84	2·93	4·75	3·66	3·25	4·07	2·81	2·29	3·32
March	4·40	3·90	4·90	2·41	2·23	2·58	2·08	2·06	2·10	4·23	3·97	4·48	3·23	3·10	3·35	3·63	3·55	3·71
April	2·82	2·40	3·23	1·29	1·00	1·57	2·89	1·97	3·80	2·93	2·06	3·80	2·65	1·90	3·40	2·00	1·77	2·23
May	2·65	1·61	3·68	0·79	0·81	0·77	2·06	1·45	2·66	2·42	1·87	2·97	2·21	1·97	2·45	0·84	0·42	1·26
June	5·95	5·57	6·33	2·82	2·53	3·10	5·03	4·33	5·73	4·55	3·60	5·50	4·87	4·17	5·57	3·30	2·70	3·90
July	9·26	9·23	9·29	6·98	7·77	6·19	6·34	6·00	6·68	9·59	9·52	9·65	9·07	9·00	9·13	7·95	7·74	8·16
August	9·38	9·52	9·23	8·33	8·52	8·13	6·77	6·48	7·06	9·88	9·81	9·94	9·31	9·32	9·29	9·02	8·97	9·06
September	4·70	4·23	5·17	3·44	3·97	2·90	1·64	1·57	1·70	5·07	4·37	5·77	5·47	4·70	6·23	4·09	3·37	4·80
October	2·82	2·35	3·29	0·52	0·68	0·36	0·36	0·13	0·58	2·36	1·32	3·39	2·52	1·94	3·10	1·41	0·68	2·14
November	1·69	1·57	1·80	0·87	0·87	0·87	0·49	0·47	0·50	1·97	1·31*	2·62*	1·69	1·50	1·87	0·97	0·73	1·20
December	3·42	3·13	3·71	1·78	1·74	1·81	2·09	1·94	2·23	2·63	2·42	2·84	2·50	2·03	2·97	1·55	1·10	2·00
Year	4·90	4·46	5·35	3·08	3·09	3·06	3·13	2·76	3·48	4·69	4·12	5·26	4·49	4·09	4·88	3·64	3·24	4·04

* Mean of 29 days.
† „ „ 30 „

TABLE XIII.—MEAN PROPORTION OF CLOUDED SKY IN 1887.

Month.	22. Roorkee.			23. Ranikhet.			24 Pithoragarh.			25. Meerut.			26. Bareilly.			27. Agra.		
	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.
January	4·98	4·87	5·09	5·79	5·13	6·45	5·96	5·39	6·52	5·61	5·32	5·90	4·54	4·13	4·94	3·84	3·39	4·29
February	1·82	1·89	1·75	2·50	2·32	2·68	2·54	2·46	2·61	1·61	0·96	2·25	0·93	0·64	1·21	1·38	0·86	1·89
March	1·40	1·35	1·45	3·53	3·45	3·61	3·21	2·42	4·00	1·94	2·10	1·77	1·94	1·45	2·42	2·44	2·39	2·48
April	1·58	1·43	1·73	2·58	2·13	3·03	2·85	1·90	3·80	1·50	1·27	1·73	1·07	0·87	1·27	1·07	0·77	1·37
May	0·07	0	0·13	2·32	1·87	2·77	3·39	2·48	4·29	0·81	0·16	1·45	0·44	0·29	0·58	0·21	0·10	0·32
June	1·85	1·70	2·00	4·20	4·07	4·33	5·34	4·60	6·07	3·35	2·90	3·80	2·37	2·60	2·13	2·90	1·87	3·93
July	6·98	7·67	6·29	8·47	8·65	8·29	8·10	8·52	7·68	7·42	7·52	7·32	6·34	7·00	5·68	7·61	7·90	7·32
August	8·05	7·77	8·32	9·21	9·13	9·29	8·70	9·00	8·39	8·69	8·77	8·61	7·96	8·52	7·39	8·71	9·10	8·32
September	3·12	3·16	3·07	5·10	4·87	5·33	5·10	5·63	4·57	3·03	3·53	2·53	3·43	3·73	3·13	3·57	3·57	3·57
October	0·48	0·45	0·51	1·37	1·45	1·29	2·57	2·48	2·65	0·24	0·16	0·32	0·92	0·87	0·97	0·49	0·39	0·58
November	0·93	0·93	0·93	1·47	1·07	1·87	1·89	1·84	1·93	0·83	0·83	0·83	0·79	0·87	0·70	0·80	0·90	0·70
December	1·19	1·12	1·26	1·24	1·26	1·22	2·04	1·90	2·17	1·26	1·23	1·29	0·87	1·03	0·71	1·05	1·03	1·07
Year	2·70	2·70	2·71	3·98	3·78	4·18	4·31	4·05	4·56	3·02	2·90	3·15	2·63	2·67	2·59	2·84	2·69	2·99

Month.	28. Lucknow.			29. Gorakhpur.			30. Jhansi.			31. Allahabad.					32. Benares.		
	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	6 hours.	10 hours.	15 hours.	22 hours.	Mean.	10 hours.	16 hours.
January	3·98	3·90	4·06	2·18	2·55	1·81	2·83	2·52	3·13	2·89	3·13	3·65	3·10	1·68	3·16	3·19	3·13
February	1·31	1·25	1·36	0·70	0·68	0·71	0·13	0	0·25	0·54	0·43	0·68	1·04	0	0·88	0·71	1·04
March	1·97	1·81	2·13	1·04	0·97	1·10	0·39	0·23	0·55	0·98	1·06	0·71	1·32	0·81	1·40	1·19	1·61
April	1·23	1·03	1·43	0·64	0·57	0·70	0·82	0·27	1·37	0·93	1·20	0·70	1·20	0·63	1·32	1·43	1·20
May	1·81	1·68	1·94	1·44	1·32	1·55	0·79	0·13	1·45	1·57	2·13	1·42	2·26	0·45	1·84	2·00	1·68
June	3·90	4·27	3·53	3·45	3·83	3·07	2·97	2·17	3·77	4·29	5·00	4·50	4·67	2·97	4·60	4·27	4·93
July	7·71	8·00	7·42	5·13	5·23	5·03	6·83	7·23	6·42	7·57	7·42	8·39	8·29	6·19	7·42	7·39	7·45
August	8·21	8·74	7·68	6·05	6·42	5·68	6·39	7·10	5·68	8·18	8·68	8·81	8·74	6·48	7·41	7·52	7·29
September	4·54	4·90	4·17	3·75	4·00	3·50	2·97	2·87	3·07	4·34	4·20	4·37	5·00	3·77	4·82	4·13	5·50
October	1·73	1·55	1·90	1·95	1·90	2·00	1·03	0·77	1·29	1·92	2·19	1·65	2·26	1·58	2·65	2·06	3·23
November	2·04	2·00	2·07	1·17	1·17	1·17	1·02	1·00	1·03	1·32	1·37	1·50	1·40	1·00	1·12	0·90	1·33
December	0·78	0·81	0·74	1·25	1·10	1·39	0·73	0·74	0·71	0·83	0·61	0·74	1·10	0·87	0·90	0·77	1·03
Year	3·27	3·33	3·20	2·40	2·48	2·31	2·24	2·09	2·39	2·95	3·12	3·09	3·37	2·20	3·13	2·96	3·29

TABLE XIII.—MEAN PROPORTION OF CLOUDED SKY IN 1887.

Month.	33. Ghazipur.			34. Katmandu.			35. Sibsagar.			36. Tezpur.			37. Dhubri.			38. Tura.		
	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.
January	2·91	2·68	3·13	4·05	3·97	4·13	6·27	6·06	6·48	3·15	3·13	3 16	3·32	3·35	3·29	5·49	4·97	6·00
February	0·55	0·53	0·57	3·90	3·68	4·11	3·56	4·00	3·11	2·59	2·29	2·89	0·68	0·82	0·54	2·50	2·29	2·71
March	0·75	0·83	0·67	5·26	4·77	5·74	6·42	6·94	5·90	3·61	4·06	3·16	2·30	2·65	1·94	3·87	*4·00	3·74
April	0·87	0·97	0·77	4·90	4·63	5·17	5·30	6·13	4·47	2·44	2·70	2·17	2·50	3·70	1·30	3·32	3·63	3·00
May	1·97	2·16	1·77	5·50	4·32	6·68	6·32	6·90	5·74	2·00	1·77	2·23	4·65	4·97	4·32	5·97	5·94	6·00
June	3·98	4·43	3·53	5·24	4·97	5·50	7·75	8·57	6·93	2·75	2·97	2·53	7·43	8·13	6·73	6·80	7·10	6·50
July	6·39	6·74	6·03	5·52	4·35	6·68	6·62	8·10	5·13	2·46	2·97	1·94	5·29	5·68	4·90	7·12	7·23	7·00
August	6·27	7·16	5·38	6·08	5·74	6·42	7·92	9·26	6·58	3·12	3·71	2·52	6·58	7·29	5·87	6·89	6·74	7·03
September	4·57	4·53	4·60	5·52	4·87	6·17	6·65	7·43	5·87	2·44	2·70	2·17	4·79	5·17	4·40	5·92	5·63	6·20
October	2·14	1 87	2·41	3·28	2·94	3·61	5·16	6·48	3·84	2·00	2·13	1·87	2·25	2·23	2·26	4·41	3·71	5·10
November	0·78	0·60	0·96	2·10	1·57	2·63	2·73	3·03	2·43	1·32	1·23	1·40	0·20	0·23	0·17	2·42	2·03	2·80
December	0·67	0·54	0·80	1·75	2·39	1·10	0·52	0·77	0·26	1·02	0·45	1·58	0·36	0·42	0·29	2·29	1·52	3·06
Year	2·65	2·75	2·55	4·43	4·02	4·83	5·44	6·14	4·73	2·41	2·51	2·30	3·36	3·72	3·00	4·75	4·57	4·93

* Mean of 30 days.

Month.	39. Silchar.			40. Darjeeling.			41. Pedong.			42. Purneah.			43. Durbhunga.			44. Patna.		
	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.
January	5·47	5·74	5·19	8·15	8·06	8·23	7·92	7·83‖	8·00§	3·03	3·03	3·03	2·63	2·55	2·71	3·55	3·10	4·00
February	2·18	1·93	2·43	5·60	5·04	6·15‡	4·92	4·00¶	5·83¶	0·36	0·18	0·54	0·16	0·25	0·07	1·06	1·07	1·04
March	5·30	5·65	4·94	5·53	4·74	6·32	5·28	4·45	6·10	1·24	1·35	1·13	0·55	0·58	0·52	1·31	1·42	1·19
April	4·54	4·67	4·40	6·42	6·07	6·76†	6·60	5·55†	7·65‖	1·79	1·77	1·80	0·59	0·70	0·47	1·32	1·03	1·60
May	6·71	7·16	6·26	7·13	7·30*	6·96§	7·71	7·48	7·93*	3·81	3·84	3·77	3·70	4·26	3·13	3·87	3·73*	4·00†
June	8·14	8·00	8·27	8·66	8·73	8·59‡	?	Imperfect.	9·17‖	5·27	5·73	4·80	5·55	6·40	4·70	6·55	5·97	7·13
July	8·07	8·29	7·84	8·41	8·84	7·97*	9·13	8·75¶	9·50††	4·50	5·00	4·00	5·48	5·77	5·19	8·52	8·61	8·42
August	8·29	8·90	7·68	9·08	9·16	9·00†	?	Imperfect.	8·81‖	5·02	6·19	3·84	6·26	7·42	5·10	9·45	9·55	9·35
September	7·22	7·67	6·77	7·39	7·00	7·77‡	7·36	6·91††	7·81‖	4·09	4·67	3·50	4·67	5·13	4·20	7·05	7·97	7·03
October	5·34	5·84	4·84	5·98	5·74	6·22‡	4·96	5·00¶	4·92**	2·24	2·07†	2·41†	2·04	2·42	1·65	3·17	2·94	3·39
November	3·44	4·10	2·77	4·41	3·17†	5·64§	3·47	2·63	4·30	0·37	0·07	0·67	0·30	0·10	0·50	0·90	0·57	1·23
December	2·13	2·23	2·03	2·33	1·52	3·13	2·18	1·13	3·23	0·29	0·10	0·48	0·44	0·23	0·65	0·94	0·81	1·06
Year	5·57	5 85	5·29	6·59	6·28	6·90	?	?	6·94	2·67	2·83	2·50	2·70	2·98	2·41	3·97	3·82	4·12

* Mean of 30 days.
† „ „ 29 „
‡ „ „ 27 „
§ Mean of 28 days.
‖ „ „ 26 „
¶ „ „ 24 „
** Mean of 25 days.
†† „ „ 22 „

TABLE XIII.—MEAN PROPORTION OF CLOUDED SKY IN 1887.

45. GYA. 46. HAZARIBAGH 47. BERHAMPORE. 48. BURDWAN. 49. JESSORE. 50. DACCA.

Month.	45. Gya. Mean.	45. Gya. 10 hours.	45. Gya. 16 hours.	46. Hazaribagh Mean.	46. Hazaribagh 10 hours.	46. Hazaribagh 16 hours.	47. Berhampore Mean.	47. Berhampore 10 hours.	47. Berhampore 16 hours.	48. Burdwan Mean.	48. Burdwan 10 hours.	48. Burdwan 16 hours.	49. Jessore Mean.	49. Jessore 10 hours.	49. Jessore 16 hours.	50. Dacca Mean.	50. Dacca 10 hours.	50. Dacca 16 hours.
January	3·58	3·39	3·77	2·71	2·29	3·13	2·18	2·19	2·16	1·53	1·71	1·35	2·19	1·77	2·61	1·82	1·90	1·74
February	0·71	0·71	0·71	0·31	0·18	0·43	0·95	0·82	1·07	1·13	1·04	1·21	1·13	1·54	0·71	0·31	0·32	0·29
March	1·08	1·03	1·13	1·25	0·84	1·65	2·66	3·16	2·16	2·13	2·42	1·84	3·34	3·32	3·36	3·36	4·19	2·52
April	1·42	1·30	1·53	2·30	1·70	2·90	1·57	1·00	2·13	1·77	1·53	2·00	2·92	2·93	2·90	3·27	3·37	3·17
May	2·71	2·74	2·68	4·99	3·87	6·10	5·94	5·39	6·48	5·58	5·45	5·71	6·75	6·55	6·94	5·36	6·00	4·71
June	5·65	5·13	6·17	7·74	7·30	8·17	9·39	9·10	9·67	7·67	7·30	8·03	8·40	8·27	8·53	7·75	8·13	7·37
July	7·49	7·71	7·26	9·79	9·74	9·84	9·33	9·55	9·10	9·03	8·90	9·16	8·76	8·97	8·55	7·42	7·84	7·00
August	7·18	7·13	7·23	9·07	9·16	8·97	8·79	9·03	8·55	8·47	8·35	8·58	8·27	8·19	8·35	6·68	6·90	6·45
September	5·58	5·33	5·83	7·62	7·97	7·27	7·69	7·70	7·67	7·92	7·63	8·20	7·61	7·52*	7·69*	5·59	5·97	5·20
October	3·58	2·90	4·26	4·15	3·39	4·90	4·15	4·00	4·29	3·81	3·90	3·71	5·08	4·84	5·32	4·37	4·32	4·42
November	1·24	0·97	1·50	1·77	2·13	1·40	1·50	1·40	1·60	1·65	1·77	1·53	2·90	2·57	3·23	1·93	2·13	1·73
December	1·39	1·16	1·61	1·42	1·68	1·16	1·10	1·03	1·16	1·55	1·68	1·42	1·52	1·55	1·48	1·02	0·71	1·32
Year	3·47	3·29	3·64	4·43	4·19	4·66	4·60	4·53	4·67	4·35	4·31	4·40	4·91	4·84	4·97	4·07	4·32	3·83

* Mean of 29 days.

51. CHITTAGONG. 52. DEMAGIRI. 53. CALCUTTA (ALIPORE). 54. SAUGOR ISLAND. 55. LIGHT SHIP (SANDHEADS).

Month.	51. Chittagong Mean.	51. Chittagong 10 hours.	51. Chittagong 16 hours.	52. Demagiri Mean.	52. Demagiri 10 hours.	52. Demagiri 16 hours.	53. Calcutta (Alipore) Mean.	53. Calcutta (Alipore) 6 hours.	53. Calcutta (Alipore) 10 hours.	53. Calcutta (Alipore) 16 hours.	53. Calcutta (Alipore) 22 hours.	54. Saugor Island Mean.	54. Saugor Island 4 hours.	54. Saugor Island 10 hours.	54. Saugor Island 16 hours.	54. Saugor Island 22 hours.	55. Light Ship (Sandheads) Mean.	55. Light Ship (Sandheads) 10 hours.	55. Light Ship (Sandheads) 16 hours.
January	2·02	2·03	2·00	1·68	1·77	1·58	1·32	1·71	1·10	1·26	1·19	1·40	1·68	1·32	1·39	1·19	Imperfect.		
February	1·79	1·89	1·68	0·82	0·64	1·00	0·63	1·18	0·46	0·43	0·43	1·12	0·64	1·93	1·43	0·46	1·50	1·50*	1·50*
March	4·57	5·48	3·65	2·83	2·65	3·00	1·92	1·55	2·29	2·16	1·68	3·90	4·19	4·61	3·52	3·29			
April	2·99	4·60	1·37	1·05	0·37	1·73	2·12	1·50	1·73	1·93	3·33	3·33	2·93	3·70	3·00	3·67			
May	6·65	7·65	5·65	3·67	3·20	4·13	5·30	6·16	5·03	5·32	4·68	6·21	5·42	7·16	6·81	5·45			
June	8·47	8·63	8·30	4·99	3·60	6·37	7·10	6·63	7·57	8·10	6·10	6·70	6·13	7·30	7·60	5·77			
July	8·78	8·61	8·94	4·69	3·48	5·90	8·24	8·65	8·71	8·68	6·90	7·42	6·65	8·39	8·26	6·39			
August	8·52	8·29	8·74	5·30	3·94	6·65	7·44	8·19	8·13	8·35	5·10	7·14	6·58	8·06	7·81	6·10			
September	7·82	7·73	7·82	3·00	2·27	3·73	7·27	8·30	8·03	7·57	5·17	6·98	6·43	7·40	7·57	6·53	Not recorded.		
October	4·53	4·77	4·29	2·15	2·00	2·29	4·15	5·39	4·32	4·48	2·42	3·99	2·84	4·90	5·39	2·84			
November	2·44	2·47	2·40	2·15	3·07	1·23	2·40	3·33	2·37	2·13	1·77	2·62	2·57	2·90	3·10	1·90			
December	0·74	0·61	0·87	0·71	1·03	0·39	1·47	1·84	1·61	1·26	1·16	1·12	0·35	1·74	2·00	0·39			
Year	4·94	5·23	4·64	2·75	2·34	3·17	4·11	4·54	4·28	4·31	3·33	4·33	3·87	4·95	4·32	3·67			

* Mean of 26 days.

Month.	56. Cuttack. Mean.	10 hours.	16 hours.	57. False Point. Mean.	10 hours.	16 hours.	58. Sambalpur. Mean.	10 hours.	16 hours.	59, Raipur. Mean.	10 hours.	16 hours.	60. Nagpur. Mean.	10 hours.	16 hours.	61. Seoni. Mean.	10 hours.	16 hours.
January	0·94	0·77	1·10	1·49	1·26	1·71	1·62	1·23	2·00	2·40	1·90	2·90	1·68	1·52	1·84	3·07	3·10	3·03
February	0·75	0·79	0·71	1·84	1·89	1·79	0·75	0·71	0·79	0·82	0·71	0·93	0·38	0·43	0·32	2·31	2·18	2·43
March	3·00	3·00	3·00	3·91	5·00	2·81	1·90	1·48	2·32	1·78	1·32	2·23	1·65	0·84	2·45	2·84	2·52	3·16
April	1·53	0·83	2·23	2·87	2·90	2·83	2·82	2·23	3·40	3·07	1·73	4·40	3·05	1·10	5·00	3·55	2·60	4·50
May	5·04	5·61	4·47*	6·45	6·71	6·19	5·36	4·94	5·77	4·23	3·10	5·35	4·02	2·52	5·52	3·36	2·58	4·13
June	6·32	6·50	6·13	6·87	7·00	6·73	7·62	6·83	8·40	7·30	6·87	7·72†	7·55	7·23	7·87	4·90	4·30	5·50
July	8·32	8·16	8·47*	7·68	7·81	7·55	9·20	9·00	9·39	9·33	9·42	9·23	9·35	9·35	9·35	6·45	6·29	6·61
August	7·58	7·19	7·97	6·74	6·90	6·58	8·58	8·58	8·58	8·73	8·97	8·48	9·10	9·06	9·13	5·62	5·23	6·00
September	6·90	6·43	7·37	6·54	6·27	6·80	7·00	6·83	7·17	7·37	6·70	8·03	6·62	6·00	7·23	4·79	4·27	5·30
October	5·16	4·77	5·55	4·57	4·42	4·71	4·60	4·45	4·74	4·95	4·35	5·55	3·29	2·42	4·16	3·52	3·13	3·90
November	2·90	3·17	2·63	2·84	3·10	2·57	2·25	1·87	2·63	3·45	2·97	3·93	2·45	1·93	2·97	3·32	2·67	3·97
December	1·71	1·55	1·87	1·81	1·61	2·00*	1·92.	1·39	2·45	2·52	2·32	2·71	1·81	1·74	1·87	3·29	3·03	3·55
Year	4·18	4·06	4·29	4·47	4·57	4·36	4·47	4·13	4·80	4·66	4·20	5·12	4·25	3·68	4·81	3·92	3·49	4·34

* Mean of 30 days.

† Mean of 29 days.

Month.	62. Jubbulpore. Mean.	10 hours.	16 hours.	63. Saugor. Mean.	10 hours.	16 hours.	64. Pachmarhi. Mean.	10 hours.	16 hours.	65. Hoshangabad. Mean.	10 hours.	16 hours.	66. Khandwa. Mean.	10 hours.	16 hours.	67. Chanda. Mean.	10 hours.	16 hours.
January	2·26	2·48	2·03	2·79	2·58	3·00	2·86	2·23	3·48	1·76	1·52	2·00	1·62	1·13	2·10	1·42	0·71	2·13
February	0·52	0·46	0·57	0·49	0·29	0·68	0·54	0·36	0·71	0·47	0·29	0·64	0·91	0·71	1·11	0·99	0·89	1·08
March	1·04	0·81	1·26	0·86	0·39	1·32	1·02	0·61	1·42	0·78	0·55	1·00	0·78	0·52	1·03	1·78	1·26	2·29
April	1·97	1·23	2·70	1·69	1·07	2·30	2·40	1·17	3·63	2·10	1·33	2·87	1·60	1·00	2·20	2·79	1·10	4·47
May	3·29	2·52	4·06	1·47	0·26	2·68	2·36	1·00	3·71	2·60	1·55	3·65	2·03	1·00	3·06	3·20	2·37*	4·03*
June	5·85	4·77	6·93	4·94	3·90	5·97	6·82	6·40	7·23	6·50	6·03	6·97	6·22	5·77	6·67	7·24	6·97	7·50
July	8·54	8·81	8·26	8·57	8·61	8·52	9·55	9·81	9·29	9·07	9·26	8·87	7·57	7·74	7·40*	8·73	8·61	8·84
August	8·55	8·61	8·48	8·44	8·42	8·45	9·13	9·32	8·94	9·28	9·52	9·03	6·65	7·06	6·23	8·29	8·35	8·23
September	5·58	5·03	6·13	5·19	5·00	5·37	6·67	6·43	6·90	5·94	5·47	6·40	4·99	4·70	5·27	6·07	5·63	6·50
October	2·70	2·65	2·74	2·33	1·71	2·94	3·60	3·32	3·87	3·57	3·10	4·03	3·20	2·87	3·52	4·16	3·48	4·84
November	1·50	1·30	1·70	1·79	1·70	1·87	2·69	2·57	2·80	2·27	2·07	2·47	2·62	1·97	3·27	3·12	2·70	3·53
December	1·42	1·29	1·55	1·26	1·10	1·42	2·24	2·13	2·35	1·53	1·29	1·77	1·76	1·35	2·16	2·50	2·46†	2·54†
Year	3·60	3·33	3·87	3·32	2·92	3·71	4·16	3·78	4·53	3·82	3·50	4·14	3·33	2·99	3·67	4·19	3·71	4·67

* Mean of 30 days.
† „ „ 28 „

Month.	68. Sironcha.			69. Chikalda.			70. Buldana.			71. Akola.			72. Amraoti.			73. Makhla.		
	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.
January	Observatory temporarily closed.			1·87	1·42	2·32	1·39	0·74	2·03	1·13	0·35	1·90	1·47	1·13	1·81	3·34	2·84	3·84
February				1·00	0·96	1·04	0·75	0·64	0·86	0·43	0·29	0·57	0·82	0·71	0·93	2·09	1·75	2·43
March				2·02	1·26	2·77	1·28	1·03	1·52	1·27	1·19	1·35	1·28	0·90	1·65	3·23	2·32	4·13
April	2·32	1·32*	3·32*	4·07	2·07	6·07	2·69	1·30	4·07	2·64	1·30	3·97	2·75	0·93	4·57	4·63	2·73	6·53
May	3·23	2·52	3·94	3·87	2·29	5·45	2·78	1·90	3·65	3·50	2·23	4·77	2·94	0·77	5·10	4·50	3·45	5·55
June	6·97	6·54	7·40	8·20	8·07	8·33	6·87	7·03	6·70	7·77	7·67	7·87	6·94	6·80	7·07	8·92	8·97	8·87
July	8·60	8·32	8·87	9·73	9·87	9·58	8·99	8·94	9·03	9·15	9·26	9·03	8·91	9·29	8·52	9·89	9·97	9·81
August	8·31	8·39	8·23	9·61	9·77	9·45	8·78	8·84	8·71	8·54	8·68	8·39	9·02	9·06	8·97	9·89	9·90	9·87
September	6·05	5·27	6·83	7·84	8·17	7·50	5·97	6·00	5·93	6·30	5·90	6·70	6·59	5·77	7·40	8·60	8·93	8·27
October	4·62	4·00	5·23	4·29	3·81	4·77	3·68	2·94	4·42	2·86	2·58	3·13	3·58	3·13	4·03	5·57	5·26	5·87
November	3·09	2·87	3·30	3·64	3·10	4·17	3·08	2·73	3·43	2·18	1·53	2·83	2·53	1·93	3·13	4·37	4·03	4·70
December	2·13	1·94	2·32	2·78	2·45	3·10	2·08	1·87	2·29	1·02	0·87	1·16	1·71	1·39	2·03	3·24	3·00	3·48
Year	?	?	?	4·91	4·44	5·38	4·03	3·66	4·39	3·90	3·49	4·31	4·05	3·48	4·60	5·69	5·26	6·11

* Mean of 22 days.

Month.	74. Neemuch.			75. Nowgong.			76. Sutna.			77. Indore.			78. Bickaneer.			79. Jeypore.			
	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.
January	3·88	3·44*	4·31†	4·07	4·16	3·97	2·47	2·29	2·65	1·19	1·06	1·32	3·92	3·65	4·19	3·94	3·19	4·22	4·61	3·74
February	Imperfect			1·63	1·50	1·75	0·25	0·07	0·43	0·50	0·68	0·32	2·27	2·11	2·43	1·62	1·07	1·75	2·60	1·07
March	0·99	0·97	1·00	2·26	1·71	2·80	0·61	0·19	1·03	0·50	0·23	0·77	1·31	1·52	1·10	1·51	1·22	1·45	2·03	1·35
April	Imperfect			1·65	1·07	2·23	0·77	0·47	1·07	2·10	1·30	2·90	2·22	1·30	3·13	1·85	1·20	1·26	3·13	1·80
May	1·47	0·50‡	2·43§	2·66	1·48	3·84	0·93	0·48	1·38	1·23	0·23	2·23	0·59	0·23	0·94	1·24	0·77	0·83	2·45	0·90
June	3·32	2·70	3·93	6·22	5·00	7·43	3·37	2·23	4·50	6·20	5·63	6·77	2·50	1·87	3·13	3·96	3·00	3·63	5·50	3·70
July	7·45	7·61	7·29	9·24	9·19	9·29	7·21	7·45	6·97	9·52	9·61	9·42	5·60	4·58	6·61	7·83	7·38	8·41	8·56	6·96
August	7·57	7·81	7·32	9·36	9·26	9·45	6·73	6·61	6·84	9·50	9·65	9·35	6·75	6·65	6·84	8·21	7·76‖	8·74	8·83	7·51
September	3·55	2·77	4·33	5·45	4·80	6·10	4·29	4·40	4·17	6·32	5·50	7·13	1·63	0·83	2·43	3·47	2·90	3·53	4·90	2·56
October	2·97	1·48	4·45	2·62	1·97	3·26	2·03	1·71	2·35	3·33	2·10	4·55	1·12	0·68	1·55	1·03	0·45	0·74	1·93	1·00
November	2·47	2·40	2·53	1·74	1·67	1·80	1·12	1·07	1·17	1·92	1·40	2·43	0·39	0·37	0·40	1·61	1·36	1·70	2·10	1·26
December	0·49	1·16	1·81	1·23	1·16	1·29	1·02	0·84	1·19	1·31	1·00	1·61	1·73	1·45	2·00	1·32	1·45	1·32	1·55	0·96
Year	?	?	?	4·01	3·58	4·43	2·57	2·32	2·81	3·64	3·20	4·07	2·50	2·10	2·90	3·13	2·65	3·13	4·02	2·73

* Mean of 27 days.
† " " 26 "
‡ " " 22 "
§ " " 21 "
‖ Mean of 30 days.

TABLE XIII.—MEAN PROPORTION OF CLOUDED SKY IN 1887.

Month.	80. Sambhar.			81. Ajmere.			82. Mount Abu.			83. Pachpadra.			84. Jacobabad.			85. Hyderabad.		
	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.
January	3·44	3·10	3·77	2·83	2·94	2·71	1·97	2·23	1·71	3·10	3·42	2·77	3·10	3·26	2·94	1·55	2·00	1·10
February	1·52	1·00	2·04	1·18	1·07	1·29	1·41	1·32	1·50	1·86	1·75	1·96	3·14	3·21	3·07	0·57	0·57	0·57
March	1·52	1·65	1·39	1·02	1·03	1·00	0·75	0·84	0·65	1·31	1·32	1·29	1·54	1·39	1·68	0·55	0·52	0·58
April	1·60	0·87	2·33	1·72	0·90	2·53	1·22	0·47	1·97	1·93	1·03	2·83	1·97	1·57	2·37	0·47	0·27	0·67
May	0·60	0·19	1·00	0·57	0·16	0·97	0·46	0·26	0·65	1·02	0·48	1·55	0·50	0·29	0·71	0·16	0·06	0·26
June	3·62	2·50	4·73	2·85	2·30	3·40	5·17	5·33	5·00	3·45	2·97	3·93	0·20	0·13	0·27	0·94	0·80	1·07
July	8·13	8·29	7·97	7·15	6·87	7·42	9·28	9·32	9·23	7·76	8·13	7·39	2·07	1·87	2·26	4·26	4·06	4·45
August	7·84	7·68	8·00	7·13	7·13	7·13	9·41	9·42	9·39	7·73	7·61	7·84	1·70	1·55	1·84	4·47	4·35	4·58
September	2·34	1·57	3·10	2·37	2·00	2·73	3·92	3·87	3·97	2·59	2·10*	3·07*	0·09	0	0·17	1·22	1·10	1·33
October	1·07	0·61	1·52	0·92	0·58	1·26	1·20	0·87	1·52	1·74	1·00	2·48	0·07	0	0·13	0·92	0·71	1·10
November	1·35	1·00	1·70	1·05	0·93	1·17	1·80	1·40	2·20	1·04	0·80	1·27	0·55	0·50	0·60	1·04	0·87	1·20
December	*1·29	1·32	1·26	0·86	0·68	1·03	0·67	0·65	0·68	1·11	1·16	1·06	1·60	1·48	1·71	1·36	1·77*	0·94
Year	2·86	2·48	3·23	2·47	2·22	2·72	3·11	3·00	3·21	2·89	2·65	3·12	1·38	1·27	1·48	1·46	1·42	1·49

* Mean of 29 days.

Month.	86. Kurrachee.			87. Bhuj.			88. Rajkot.			89. Deesa.			90. Surat.			91. Malegaon.		
	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.
January	2·23	2·52	1·94	1·32	1·16	1·48	0·90	1·06	0·74	2·65	2·81	2·48	0·84	1·03	0·65	1·54	0·97	2·10
February	1·16	1·32	1·00	0·82	0·43	1·21	0·48	0·75	0·21	2·22	2·18	2·25	0·97	1·11	0·82	1·52	1·32	1·71
March	0·89	0·90	0·87	0·28	0·26	0·29	0·68	0·71	0·65	1·25	1·23	1·26	1·05	1·19	0·90	0·97	0·87	1·06
April	1·03	0·93	1·13	0·15	0·07	0·23	0·98	0·33	1·63	2·02	1·60	2·43	1·00	1·66*	0·34*	3·22	1·23	5·20
May	1·21	0·90	1·52	0·20	0·10	0·29	0·75	0·55	0·94	1·65	1·19	2·10	3·65	4·87	2·42	2·30	0·94	3·65
June	3·52	3·47	3·57	3·54	4·07	3·00	2·89	3·20	2·57	6·69	7·37	6·00	7·24	7·87	6·60	8·23	7·57	8·90
July	7·75	8·52	6·97	7·79	7·87	7·71	2·78	2·61	2·94	9·34	9·35	9·32	9·28	9·45	9·10	9·84	9·68	19·00
August	7·58	8·32	6·84	8·03	8·77	7·29	4·13	3·71	4·55	9·50	9·77	9·23	8·19	8·32	8·06	9·38	9·52	9·23
September	3·44	3·67	3·20	1·94	1·80	2·07	3·05	2·67	3·43	4·90	4·60	5·20	6·59	6·80	6·37	7·00	6·47	7·53
October	0·52	0·61	0·42	1·23	0·58	1·87	1·29	0·87	1·71	2·52	1·68	3·35	3·53	3·74	3·32	4·38	3·65	5·10
November	1·27	1·20	1·33	0·78	0·23	1·33	2·12	1·77	2·47	3·17	2·67	3·67	2·68	2·93	2·43	3·58	3·33	3·83
December	0·95	0·77	1·13	0·81	0·58	1·03	1·47	1·13	1·81	2·01	1·78	2·23	2·16	2·00†	2·31†	2·33	1·68	2·97
Year	2·63	2·76	2·49	2·24	2·16	2·32	1·79	1·61	1·97	3·99	3·85	4·13	3·93	4·25	3·61	4·52	3·94	5·11

* Mean of 29 days.
† „ „ 26 „

Month.	92. Bombay.					93. Poona.			94. Sholapur.			95. Ratnagiri.			96. Belgaum.			97. Karwar.		
	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.
January	1·11	1·97	0·90	1·29	0·29	2·21	2·00	2·42	1·75	1·23	2·26	0·50	0·55	0·45	1·65	1·61	1·68	0·45	0·35	0·55
February	0·90	1·00	1·36	1·04	0·21	1·38	1·43	1·32	1·02	0·96	1·07	0·02	0·04	0	0·52	0·29	0·75	0·48	0·46	0·50
March	1·15	1·94	1·32	0·74	0·61	1·34	0·68	2·00	1·37	0·97	1·77	0·50	0·52	0·48	1·47	1·00	1·94	1·20	0·87	1·52
April	1·54	2·20	1·53	0·97	1·47	3·92	2·50	5·33	4·22	1·47	6·97	0·87	0·90	0·83	3·05	1·17	4·93	1·79	1·67	1·90
May	3·99	4·74	4·13	3·94	3·13	4·02	3·26	4·77	4·85	3·19	6·50*	1·94	1·87	2·00	3·96	3·94	3·97	3·47	4·13	2·80
June	8·28	9·00	8·43	8·33	7·37	7·60	7·63	7·57	8·04	7·70	8·37	7·52	7·63	7·40	8·25	8·10	8·40	7·37	7·30	7·43
July	9·06	9·48	9·00	9·35	8·42	8·72	8·65	8·77	9·18	9·13	9·23	7·32	7·77	6·87	9·07	9·13	9·00	7·62	7·52	7·71
August	8·50	9·19	8·32	8·71	7·77	8·49	8·71	8·26	8·94	8·74	9·13	6·55	6·65	6·45	8·94	9·08	8·84	7·45	7·29	7·61
September	7·22	7·33	7·93	7·20	6·43	7·17	7·23	7·10	8·35	8·03	8·67	5·52	5·77	5·27	7·32	7·40	7·23	5·28	5·23	5·33
October	3·48	4·32	3·77	2·55	3·26	5·50	4·90	6·10	7·07	6·13	8·00	2·84	2·48	3·19	6·26	5·81	6·71	5·18	4·68	5·68
November	2·42	2·60	2·93	2·30	1·83	3·47	3·47	3·47	4·48	4·23	4·73	1·10	1·00	1·20	4·10	4·17	4·03	2·57	2·40	2·73
December	1·81	2·03	1·81	1·74	1·65	2·58	2·26	2·90	2·76	2·23	3·29	1·44	1·16	1·71	3·76	3·42	4·09	*2·28	1·84	2·71
Year	4·12	4·65	4·29	4·01	3·54	4·70	4·39	5·00	5·17	4·50	5·83	3·01	3·03	2·99	4·86	4·59	5·13	3·76	3·65	3·87

*Mean of 26 days.

Month.	98. Gopalpur.			99. Vizagapatam.					100. Rajahmundry.			101. Masulipatam.			102. Secunderabad.			103. Kurnool.		
	Mean.	10 hours.	16 hours.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	22 hours.	Mean.	10 hours.	16 hours.
January	0·94	1·03	0·84	1·15	0·77	2·10	0·90	0·81	3·53	3·16	3·90	2·85	3·64	2·06	1·10	1·06	1·13	1·61	1·32	1·90
February	0·56	0·57	0·54	0·71	0·21	1·21	0·43	1·00	1·86	1·93	1·79	1·14	1·82	0·46	0·40	0·43	0·37	0·31	0·25	0·36
March	1·39	1·00	1·78	2·31	2·29	2·39	1·87	2·68	3·15	3·52	2·77	1·74	2·42	1·06	1·35	0·84	1·85	1·60	0·90	2·29
April	0·70	0·27	1·13	1·43	1·40	1·47	1·50	1·33	3·35	3·37	3·33	0·64	1·20	0·07	2·74	1·53	3·95	2·84	1·50	4·17
May	3·73	3·16	4·29	4·76	4·71	5·35	4·90	4·06	4·23	3·58	4·87	3·58	3·71	3·45	3·31	2·77	3·85	3·44	3·13	3·74
June	4·83	4·73	4·93	5·06	4·93	5·10	5·77	4·43	6·29	5·97	6·60	6·25	5·37	7·13	6·84	6·47	7·20	7·17	7·10	7·23
July	6·55	6·23	6·87	7·56	7·74	7·39	8·06	7·06	7·24	7·35	7·13	8·36	8·05	8·65	8·78	8·71	8·84	7·86	7·81	7·90
August	5·58	5·68	5·48	*6·74	6·71	6·65	7·81	5·77	7·45	7·71	7·19	8·91	8·87	8·94	8·25	8·16	8·34	7·15	7·65	6·65
September	5·09	4·87	5·30	4·90	3·70	5·07	6·23	4·60	5·67	5·30	6·03	5·30	4·57	6·03	6·67	5·60	7·73	7·50	7·80	7·20
October	4·36	4·23	4·48	5·05	4·48	5·03	6·19	4·58	6·42	6·03	6·81	6·37	5·65	7·09	5·36	4·90	5·82	5·73	5·23	6·23
November	3·92	3·83	4·00	3·58	2·80	4·13	3·60	3·80	4·83	5·23	4·43	4·15	4·43	3·87	3·92	4·23	3·60	3·97	3·57	4·37
December	1·55	1·19	1·90*	2·61	1·94	3·06	2·87	2·55	3·68	4·06	3·29	3·68	3·94	3·42	2·09	2·48	1·69	2·73	2·16	3·29
Year	3·27	3·07	3·46	3·82	3·47	4·08	4·18	3·56	4·81	4·77	4·85	4·41	4·47	4·35	4·23	3·93	4·53	4·33	4·04	4·61

* Mean of 30 days

TABLE XIII.—MEAN PROPORTION OF CLOUDED SKY IN 1887.

Month.	104. Bellary.			105. Mangalore.			106A. Mercara.			106(B). Mercara (Civil Dispensary).			107. Bangalore.			108. Cuddapah.		
	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.
January	2·18	1·77	2·58	2·86	2·84	2·87	4·13	4·10	4·16	4·39	4·55	4·23	2·30	3·10	1·50	3·23	3·23	3·23
February	0·98	0·71	1·25	1·68	2·00	1·36	2·29	1·82	2·75	2·06	1·82	2·29	0·63	0·75	0·50	1·18	1·18	1·25
March	1·97	1·03	2·90	3·11	3·35	2·87	4·33	2·97	5·68	3·87	2·68	5·06	1·61	1·16	2·05	1·65	1·58	1·71
April	3·42	1·87	4·97	3·97	3·80	4·13	5·55	3·90	7·20	5·80	4·57	7·03	2·49	2·30	2·68	2·23	2·33	2·13
May	5·26	4·55	5·97	5·75	6·39	5·10	6·86	6·74	6·97	7·48	7·32	7·64	3·40	2·90	3·90	4·85	4·25	5·45
June	8·08	7·43	8·73	8·82	8·90	8·73	9·42	9·27	9·57	9·12	9·13	9·10	6·75	7·27	6·23	6·72	6·50	6·93
July	8·97	8·87	9·06	8·42	8·06	8·77	9·62	9·68	9·55	9·52	9·55	9·48	7·35	7·90	6·79	7·92	7·81	8·03
August	8·15	7·97	8·32	7·88	7·65	8·10	8·95	8·74	9·16	9·18	9·00	9·35	6·63	7·13	6·13	7·23	7·42	7·03
September	7·67	6·90	8·43	6·20	6·13	6·27	Discontinued.			7·79	7·60	7·97	6·28	6·73	5·83	7·03	6·76	7·30
October	7·99	7·45	8·52	6·98	6·77	7·19				7·89	7·55	8·23	6·87	6·87	6·87	7·00	6·39	7·61
November	5·65	6·27	5·03	4·70	4·67	4·73				6·60	6·63	6·57	5·65	5·80	5·50	6·08	5·40	6·76
December	5·29	5·52	5·06	3·68	3·10	4·26				6·32	6·45	6·19	5·92	6·35	5·48	5·95	5·84	6·06
Year	5·47	5·03	5·90	5·34	5·31	5·37				6·67	6·40	6·93	4·66	4·86	4·46	5·09	4·89	5·29

Month.	109. Madras.			110. Salem.			111. Wellington.			112. Calicut.			113. Coimbatore.			114. Trichinopoly.		
	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.
January	3·74	4·55	2·92	2·08	2·10	2·05	3·25	2·77	3·73	3·89	3·71	4·06	4·52	4·84	4·19	4·84	5·84	3·84
February	1·95	2·57	1·32	1·61	1·61	1·61	1·48	1·14	1·82	4·02	4·07	3·97	3·91	3·75	4·07	2·60	3·54	1·65
March	2·12	2·58	1·66	2·08	1·87	2·29	3·08	2·48	3·68	4·37	4·09	4·64	4·47	3·87	5·06	2·93	3·45	2·41
April	2·71	3·60	1·82	2·83	2·43	3·22	5·01	3·67	6·35	4·98	5·23	4·73	5·23	4·93	5·53	4·10	4·77	3·42
May	4·50	4·50	4·50	3·30	2·87	3·73	5·69	4·87	6·50	4·95	5·03	4·87	4·79	4·61	4·97	4·84	4·74	4·93
June	5·76	5·20	6·32	4·30	3·80	4·80	8·06	7·83	8·28	7·02	7·37	6·67	6·52	6·37	6·67	6·23	6·13	6·33
July	6·99	6·65	7·32	4·18	3·97	4·39	7·46	7·23	7·68	6·66	6·87	6·45	6·37	5·80	6·94	6·68	6·90	6·45
August	6·67	6·87	6·47	4·25	3·65	4·84	7·31	6·77	7·84	5·16	5·32	5·00	5·68	4·90	6·45	7·18	6·84	7·52
September	5·59	5·20	5·98	3·41	2·83	3·98	5·50	4·90	6·10	5·15	5·27	5·03	5·27	4·73	5·80	5·81	5·27	6·34
October	6·68	6·77	6·58	5·16	4·77	5·55	7·48	6·77	8·19	6·18	6·00	6·36	6·28	5·81	6·74	8·50	8·26	8·73
November	5·91	6·17	5·65	4·36	4·20	4·52	7·65	6·34	7·75	4·92	5·13	4·70	5·50	5·17	5·83	6·14	6·60	5·67
December	6·73	6·81	6·65	4·77	4·87	4·66	6·77	6·55	6·98	4·49	4·03	4·94	6·28	5·87	6·68	7·88	8·10	7·65
Year	4·95	5·12	4·77	3·53	3·25	3·80	5·68	5·11	6·24	5·15	5·18	5·12	5·40	5·05	5·74	5·64	5·87	5·41

TABLE XIII.—MEAN PROPORTION OF CLOUDED SKY IN 1887.

Month.	115. Negapatam. Mean.	10 hours.	22 hours.	116. Madura. Mean.	10 hours.	22 hours.	117. Cochin. Mean.	10 hours.	22 hours.	118. Colombo.	119. Jaffna.	120. Trincomalee.	121. Batticaloa.	122. Hambantota.	123. Galle.	124. Kandy.	125. Newera Eliya.
January	5·25	5·90	4·60	2·47	2·61	2·32	1·91	2·13	1·69	5·1	7·4	5·1	7·5	6·2	4·4	5·6	4·7
February	3·47	4·04	2·89	1·32	1·39	1·25	1·07	1·21	0·93	3·3	5·8	4·4	7·2	5·2	3·9	5·3	3·3
March	2·99	4·32	1·66	1·81	1·71	1·90	3·03	2·65	3·40	2·8	4·4	3·0	6·7	4·1	2·9	3·9	2·1
April	5·11	5·77	4·45	3·49	3·30	3·67	4·56	3·63	5·48	6·5	7·4	5·1	6·9	5·8	4·6	6·1	5·8
May	4·82	5·06	4·58	2·99	1·71	4·26	4·89	5·10	4·68	7·3	6·4	4·8	6·6	6·9	4·7	5·8	5·6
June	5·43	5·17	5·68	4·75	3·07	6·43	8·96	8·93	8·98	7·7	7·2	5·5	7·1	7·0	5·2	7·0	7·1
July	5·63	5·52	5·73	4·84	3·23	6·45	7·15	7·48	6·82	6·4	7·2	5·6	6·7	7·0	4·3	6·0	4·4
August	5·54	5·42	5·66	4·13	2·45	5·81	6·02	5·74	6·29	7·0	6·6	5·4	6·2	7·7	4·8	6·1	4·7
September	5·24	5·27	5·20	3·62	2·03	5·20	4·55	4·40	4·70	6·0	5·9	4·6	6·0	5·6	4·0	6·3	5·6
October	7·38	7·65	7·11	5·31	4·45	6·16	6·71	6·68	6·73	7·5	7·8	6·5	6·9	7·6	6·2	6·9	6·4
November	6·46	6·77	6·15	4·17	3·83	4·50	4·15	3·87	4·43	5·1	7·0	5·4	6·1	6·4	4·3	6·2	5·1
December	8·08	8·10	8·05	6·26	6·03	6·48	5·10	5·10	5·10	7·7	8·2	7·7	7·3	7·8	5·5	7·8	5·7
Year	5·45	5·75	5·15	3·76	2·98	4·54	4·84	4·74	4·94	6·03	6·78	5·26	5·93	6·44	4·57	6·08	5·04

Month.	126. Mandalay. Mean.	10 hours.	16 hours.	127. Akyab. Mean.	10 hours.	16 hours.	128. Thavetmyo. Mean.	10 hours	16 hours.	129. Toungoo. Mean.	10 hours.	16 hours.	130. Bassein. Mean.	10 hours.	16 hours.	131. Diamond Island. Mean.	10 hours.	16 hours.
January	1·62	1·68	1·55	1·50	1·45	1·55	0·84	0·48	1·19	1·00	0·87	1·13	1·90	1·48	2·32	2·13	2·16	2·10
February	0·38	0·29	0·46	0·93	0·86	1·00	0·88	0·61	1·14	1·02	0·96	1·07	3·11	3·18	3·04	2·48	2·71	2·25
March	0·65	0·13	1·16	2·39	3·23	1·55	1·39	0·42	2·35	2·13	1·87	2·39	3·36	3·16	3·55	3·28	3·45	3·10†
April	0·65	0·70	0·60	1·72	2·53	0·90	2·87	0·93	4·80	3·05	2·30	3·87	5·15	5·03	5·27	3·55	3·70	3·40
May	3·80	3·65	3·94	5·42	5·84	5·00	5·76	4·90	6·61	7·47	7·90	7·03	8·86	8·68	9·03	6·21	6·13	6·29
June	5·04	4·90	5·17	6·15	6·50	5·80	6·85	6·63	7·07	8·79	9·30	8·27	8·91	8·60	9·21	7·04	6·90	7·17
July	6·90	6·77	7·03	9·41	9·68	9·13	7·78	7·52	8·03	9·34	9·48	9·19	9·32	9·16	9·48	8·27	8·06	8·47†
August	5·81	6·03	5·58	7·87	8·32	7·42	7·28	6·97	7·58	8·23	8·52	7·94	9·08	8·77	9·39	7·42	7·55	7·29
September	5·47	5·53	5·40	7·70	7·93*	7·47	6·87	6·83	6·90	8·24	8·10	8·37	8·74	8·67	8·80	7·20	7·07	7·33
October	3·07	3·16	2·97	5·10	5·03	5·16	4·23	4·42	4·03	4·74	4·42	5·06	6·34	5·39	7·29	4·42	3·97	4·87
November	2·05	2·23	1·87	3·79	4·40	3·17	1·97	1·93	2·00	1·75	1·40	2·10	4·84	4·67	5·00	3·52	3·27	3·77
December	0·62	0·68	0·55	2·60	2·52	2·68	1·68	1·55	1·81	2·05	1·74	2·35	4·21	4·19	4·23	2·25	2·13†	2·37†
Year	3·01	2·98	3·02	4·55	4·86	4·24	4·03	3·60	4·46	4·82	4·74	4·90	6·15	5·92	6·38	4·81	4·76	4·87

* Mean of 29 days. † Mean of 30 days.

TABLE XIII.—MEAN PROPORTION OF CLOUDED SKY IN 1887.

Month.	132. Rangoon.			133. Moulmein.			134. Mergui.			135. Cocos Island.			136. Port Blair.			137. Nancowry.		
	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.
January	1·52	1·23	1·81	0·08	0·10	0·06	2·50	2·74	2·26	Not recoded.			2·08	1·74	2·42	5·02	4·97	5·06
February	2·61	2·39	2·82	0·38	0·50	0·25	3·79	4·25	3·32				2·43	2·32	2·54	6·84	6·86	6·82
March	4·23	3·55	4·90	1·31	1·87	0·74	5·61	5·61	5·61				3·87	4·06	3·68	5·78	5·45	6·10
April	4·75	4·87	4·63	2·14*	3·14*	1·14*	7·08	6·73	7·43	5·04	5·10	4·97†	4·15	3·93	4·37	6·07	5·30	6·83
May	8·23	8·61	7·84	4·61	5·06	4·16	9·00	8·81	9·19	7·85	7·35	8·35	7·38	7·23	7·52	8·76	8·90	8·61
June	8·77	8·67	8·87	5·72	6·33	5·10	8·72	8·53	8·90	7·93	7·83	8·03	8·12	8·57	7·67	8·35	8·03	8·67
July	9·49	9·45	9·52	7·57	7·81	7·32	9·00	9·16	8·84	8·83	8·52	9·13	7·63	7·61	7·65	6·52	6·35	6·68
August	9·23	9·06	9·39	5·71	5·87	5·55	8·11	8·03	8·19	8·29	8·42	8·16	7·52	7·61	7·42	5·78	5·87	5·68
September	9·30	9·30	9·30	6·17	6·90	5·43	8·72	8·57	8·87	8·64	8·57	8·70	5·98	5·93	6·03	6·92	6·53	7·30
October	7·97	8·03	7·90	1·57	1·32	1·81	6·11	5·74	6·48	6·11	5·90	6·32	4·63	4·26	5·00	5·95	5·58	6·32
November	4·69	4·37	5·00	0·35	0·10	0·60	5·09	4·17	6·00	5·99	5·67	6·30	4·07	4·03	4·10	6·47	5·70	7·23
December	4·29	3·23	5·35	0·08	0	0·16	2·25	1·68	2·81	5·57	5·55	5·58	3·50	3·29	3·71	5·95	5·35	6·55
Year	6·26	6·06	6·44	2·97	3·25	2·69	6·33	6·17	6·49	?	?	?	5·11	5·05	5·18	6·53	6·24	6·82

* Mean of 28 days.
† „ „ 29 „

TABLE XIV.—INCHES OF RAINFALL IN EACH MONTH OF 1887. (507 STATIONS).

PROVINCES.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
ASIATIC TURKEY	Baghdad	?	?	?	?	?	?	?	?	?	...	0·01*	1·64	?
ARABIA	Aden	0·03	...	...	...	...	...	...	1·97	0·20	...	...	...	2·20
PERSIA	Bushire	3·44	0·99	0·17	...	...	...	...	...	...	...	1·12	7·16	12·88
LAKHADIVES	Amini Divi	...	...	2·87	2·77	2·98	22·33	8·25	6·31	5·40	6·48	1·24	3·79	62·42
	Minicoy Lt. house	?	?	0·75	1·50	7·87	10·47	5·93	7·35	3·45	8·02	5·62	4·66	?
BELUCHISTAN	Peshin	2·34	0·64	...	0·55	...	...	0·24	...	...	...	...	0·39	4·16
	Quetta	2·77	0·47	...	0·59	...	...	0·22	...	...	...	...	0·36	4·41
KASHMIR	Leh	0·46*	0·06*	0·56*	...	0·04	0·27	...	0·92	...	0·05*	...	0·02	2·38
PUNJAB	Abbottabad	3·68	1·34	3·28	1·17	0·20	0·80	10·00	15·90	1·90	1·20	...	0·70	40·17
	Murree (Obsy.)	3·71*	0·83†	1·38	1·65	0·07	2·86	14·40	15·90	3·74	0·89	...	0·93	46·36
	Murree (Cutchery)	...	1·00	0·65	0·90	...	1·30	7·60	7·90	1·30	0·50	...	0·70*	21·85
	Murree (Brewery)	4·55	0·82	1·30	1·41	0·06	2·35	14·72	13·63	3·99	0·67	...	0·86†	44·36
	Chamba	6·71	2·22	1·99	1·21	0·06	1·41	7·90	10·50	1·07	0·11	0·02	0·52	33·72
	Dharmsala	10·00	0·48	1·35	1·30	1·10	4·18	33·40	30·10	5·40	2·80	...	...	90·11
	Kailang	3·03	0·61	3·80	0·52	0·77	0·72	0·96	3·04	0·78	0·19	...	0·09	14·51
	Kilba	4·16	2·45	9·77	3·16	2·15	2·02	7·53	4·92	5·46	2·14	0·20	1·31	44·27
	Simla (Obsy.)	7·08	0·31	1·48	2·11	0·11	7·56	19·21	14·76	6·75	0·17	...	0·40	59·94
	Simla (Cutchery)	6·70	0·80	?	?	?	5·60	16·40	13·20	5·60	0·10	...	0·20	?
	Peshawar (Obsy.)	0·13	0·07	0·89	0·64	0·05	...	0·80	1·08	1·25	0·05	...	0·15	5·11
	Peshawar (Cutchery.)	0·14	...	0·80	0·70	...	...	0·92	0·55	1·01	0·05	...	0·10	4·27
	Kohat	0·06	...	1·10	0·98	0·26	0·96	2·07	1·50	1·29	0·47	...	...	8·69
	Bannu	0·40	...	0·80	1·20	...	0·30	4·30	2·82	0·04	...	...	...	9·86
	Dera Ismail Khan	0·36	0·02	0·07	0·39	0·02	0·93	3·16	1·16	0·29	...	...	...	6·40
	Dera Ghazi Khan	0·10	...	...	0·50	...	2·90	...	1·10	...	...	...	...	4·60
	Muzaffargarh	...	...	...	...	...	0·80	2·10	0·90	...	...	...	...	3·80
	Mooltan (Obsy.)	0·06	...	...	...	0·03	0·97	0·16	0·59	...	...	...	...	1·81
	Mooltan (Cutchery)	0·10	...	...	...	0·10	1·20	...	0·80	...	...	...	...	2·20
	Jhang	0·20	...	0·60	...	...	1·10	1·20	4·30	0·60	...	...	...	8·00
	Montgomery	0·20	...	...	...	...	2·60	0·20	5·50	0·50	0·10	...	...	9·10
	Shahpur	...	...	0·10	0·30	...	0·80	1·10	0·60	1·10	0·10	...	...	4·10
	Rawalpindi	0·50	0·11*	0·82	0·19	0·04	0·42	12·30	9·58	6·08	1·29	...	0·06	31·39
	Jhelum	1·50	...	0·09	0·06	...	1·06	2·20	10·90	2·80	...	...	0·30	18·91
	Gujrat	1·50	...	0·60	0·10	...	0·70	5·30	11·20	1·60	...	...	0·30	20·70
	Sialkot (Obsy.)	1·66	0·01	0·43	0·09	0·04	0·77	5·11	17·80	1·09	0·17	...	0·05	27·22
	Sialkot (Cutchery)	1·60	...	0·45	...	...	0·89	4·56	16·10	...	...	...	...	23·60
	Gujranwala	0·60	...	...	...	...	1·30	3·30	14·60	0·60	...	...	...	20·40
	Gurdaspur	2·10	...	...	...	...	0·65	9·59	19·97	2·19	...	...	0·26	34·76

* Snow converted. † Snow water and rain.

TABLE XIV.—INCHES OF RAINFALL IN EACH MONTH OF 1887.

Provinces.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Punjab—*contd.*	Dhariwal	1·70	...	...	...	...	0·98	8·90	19·00	1·42	...	...	...	32·00
	Lahore	0·41	...	0·05	0·01	0·14	2·41	2·50	9·98	1·18	...	...	...	16·68
	Amritsar	0·90	...	...	...	0·10	0·60	2·40	10·10	1·00	...	....	...	15·10
	Ferozepore	0·30	...	...	...	0·20	0·60	0·80	5·40	1·20	...	...	0·05	8·55
	Jullundur	0·90	...	...	...	...	2·10	5·90	14·40	2·70	...	...	...	26·00
	Hoshiarpur	2·61	...	0·02	...	...	1·48	10·82	19·29	6·75	...	...	0·13	41·10
	Ludhiana	2·99	...	...	0·45	...	2·12	6·48	15·31	6·11	0·52	...	0·12	34·10
	Umballa	1·71	...	...	...	...	2·96	9·96	11·30	12·86	...	...	0·45	39·24
	Sirsa	0·63	...	0·09	...	...	1·58	4·68	8·81	1·64	0·50	...	1·14	19·07
	Hissar	...	...	...	...	...	1·50	3·70	12·80	1·90	...	...	0·30	20·20
	Rohtak	1·00	...	...	...	...	0·40	10·45	16·60	1·20	...	...	0·70	30·35
	Delhi (Obsy.)	2·34	...	...	0·09	...	2·01	12·92	17·39	3·92	0·02	...	0·36	38·99
	Delhi (Cutchery)	2·64	...	...	0·05	...	1·72	13·98	20·24	5·34	...	...	0·27	44·24
	Gurgaon	1·30	...	...	...	...	1·90	12·40	12·50	1·40	...	...	0·40	29·90
	Karnal	1·30	...	...	...	...	0·80	16·50	14·70	10·70	1·00	...	...	45·00
Rajputana	Jeysulmere	0·39	...	...	...	...	...	1·66	0·71	...	...	...	...	2·76
	Phalodi	0·28	...	...	0·07	...	0·18	3·75	1·44	0·13	...	...	...	5·85
	Bickaneer	0·40	...	...	0·18	0·04	2·37	1·24	1·44	0·03	0·02	...	...	5·72
	Nagar	0·38	...	...	...	...	0·34	6·14	6·94	0·20	0·06	...	...	14·01
	Didwana	0·43	...	...	0·08	0·04	1·52	11·05	6·56	0·88	0·03	...	0·08	20·67
	Jhunjhnu	0·83	...	...	0·11	...	2·02	12·78	8·02	1·07	0·70	...	0·65	26·18
	Khetri	0·80	...	...	...	...	0·50	17·20	10·49	2·02	0·10	...	0·10	31·21
	Sikar	0·42	...	...	...	...	1·31	16·80	7·46	1·38	...	...	0·11	27·48
	Sri Madhopur	0·62	...	...	0·10	...	2·56	18·29	9·36	0·85	...	...	...	31·78
	Ulwur	1·71	...	...	...	...	2·29	19·42	24·71	1·75	...	...	...	49·88
	Bhurtpore	0·50	...	0·25	0·05	...	1·95	15·88	14·85	6·15	...	...	...	39·63
	Bandikui	0·65	...	...	...	...	0·71	10·09	13·17	2·16	...	...	...	26·78
	Jeypore	0·72	...	0·01	0·05	...	1·44	17·33	20·54	4·34	0·01	0·03	0·03	44·50
	Sambhar	0·71	...	...	0·05	...	0·35	14·34	7·31	0·98	0·06	...	0·06	23·86
	Kerowlee	0·26	...	0·03	...	...	1·58	23·02	16·95	3·66	...	0·04	...	45·54
	Lalsot	0·49	...	...	...	...	0·75	12.43	14·64	1·75	...	...	...	30·06
	Tonk	0·39	...	...	...	...	4·64	27·21	21·24	3·08	0·21	0·11	0·21	57·09
	Siwai Madhopur	0·34	...	...	...	...	3·29	16·64	15·13	5·68	...	...	...	42·08
	Deoli	0·29	...	...	0·02	0·11	2·43	16·08	12·37	2·51	0·03	0·33	0·07	34·24
	Kotah	0·07	...	...	...	0·29	2·07	11·27	16·64	7·13	...	0·15	0·52	38·34
	Jhalrapatan	0·03	...	...	...	0·06	3·65	22·00	11·67	8·97	...	0·86	0·89	48·18
	Ajmere	0·80	...	...	...	0·08	1·97	10·55	7·82	0·70	...	...	0·01	21·93
	Nusseerabad	0·44	...	...	0·08	...	1·69	9·82	8·60	0·40	0·14	...	0·04	21·21
	Malpura	0·97	...	...	0·04	...	1·84	12·21	16·65	0·79	...	...	...	32·50

TABLE XIV.—INCHES OF RAINFALL IN EACH MONTH OF 1887.

Provinces.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Rajputana—*contd.*	Beawar	0·20	...	...	0·20	...	0·70	12·90	5·50	0·60	...	...	...	20·10
	Jodhpore	0·32	...	...	0·45	...	0·45	3·09	2·65	...	...	...	...	6·96
	Jodhpore (Residency).	0·35	...	...	0·54	...	0·26	3·09	2·13	...	...	...	...	6·37
	Pachpadra	0·23	...	...	...	...	...	1·71	1·30	...	...	...	...	3·24
	Jasol	0·32	...	...	...	0·08	...	2·15	1·42	...	...	...	...	3·97
	Barmer	0·31	...	...	...	...	0·15	2·10	1·33	...	0·22	...	...	4·11
	Pali	...	...	...	...	0·31	1·70	7·49	5·81	...	...	...	...	15·31
	Shahpoora	0·14	...	...	0·15	...	2·39	9·51	10·43	1·71	...	0·18	0·04	24·55
	Erinpura	0·17	...	...	...	...	1·60	6·45	5·72	...	0·30	...	...	14·24
	Sirohee	...	...	...	...	...	1·92	11·83	7·43	...	...	...	...	21·18
	Mount Abu	0·01	...	...	...	...	2·73	42·65	30·99	0·84	...	...	0·26	77·48
	Kotra	...	...	...	...	0·09	2·68	17·08	11·16	0·80	...	...	0·50	32·31
	Oodeypore	...	...	...	...	...	6·40	7·76	10·50	1·51	0·19	0·77	0·30	27·43
	Partabgarh	0·10	...	...	...	0·18	4·59	15·26	12·04	2·03	...	1·80	0·42	36·42
	Kherwara	...	...	...	...	...	2·29	8·86	5·72	1·11	...	0·88	0·26	19·12
	Banswara	...	...	...	...	...	6·51	13·88	10·35	2·26	...	2·15	0·21	35·36
Central India	Neemuch (Obsy.)	...	...	...	0·35	0·14	9·40	8·58	19·45	1·50	...	0·48	0·32	40·22
	Neemuch (Cutchery).	...	...	...	...	...	9·49	11·16	16·70	1·70	...	0·50	0·32	39·87
	Sirdarpore	...	...	...	0·06	0·16	1·95	10·13	7·32	0·59	0·28	2·74	...	33·23
	Agar	...	...	...	0·17	0·64	5·05	15·37	13·05	10·72	...	2·09	0·12	47·21
	Rutlam	...	...	...	0·04	...	2·65	13·43	6·95	4·05	...	5·89	0·30	33·31
	Indore	...	...	...	...	0·37	6·56	16·67	6·36	6·76	1·46	1·82	0·21	40·21
	Bhopal (Sehore)	...	...	...	...	0·05	6·12	19·73	16·95	7·37	1·19	3·57	0·10	55·08
	Goona	0·32	...	0·21	...	...	1·84	15·30	12·55	14·20	0·05	2·04	0·80	47·31
	Morar	1·10	...	0·15	0·16	...	0·27	18·56	21·01	8·09	...	...	0·10	49·44
	Nowgong	1·60	...	0·03	...	0·01	2·22	27·11	12·53	6·73	1·62	0·99	0·10	52·94
	Sutna	4·76	...	0·13	0·01	...	1·74	21·22	12·73	4·29	3·67	0·19	0·02	48·76
	Nagode	5·07	...	0·60	...	...	3·59	22·98	13·98	7·56	2·72	0·38	...	56·88
	Maihar	3·34	...	0·44	...	...	4·42	29·97	14·00	3·82	3·33	0·20	0·27	59·79
	Rewah	4·64	...	0·15	0·04	0·07	7·22	22·37	16·42	6·03	6·82	...	0·02	63·78
	Chandia	4·09	...	...	...	...	9·28	34·61	28·62	8·82	4·53	...	...	89·95
	Ramnagar	4·09	...	0·26	...	...	1·44	18·46	18·95	4·19	5·82	...	...	53·21
	Sihawal (Bardi)	2·71	...	...	0·10	0·15	4·78	21·44	14·33	4·80	4·98	...	...	53·29
	Sitlaha	4·85	...	0·17	...	...	1·66	25·59	14·95	5·40	3·56	...	...	56·18
	Sohagpur	5·42	...	...	1·88	0·50	2·52	16·82	11·02	11·15	11·24	...	...	60·55
N.-W. Provinces.	Chakrata	4·26	0·34	3·42	0·93	0·20	4·01	23·39	22·86	3·94	0·19	0·17	0·35*	64·06
	Mussooree	5·35	0·65	0·90	0·33	0·20	9·28	37·00	57·58	9·70	1·40	...	0·32	122·71
	Srinagar	2·27	...	0·61	0·55	0·30	1·70	10·01	6·63	3·05	...	0·20	0·10	25·42
	Pauri	3·07	0·05	0·84	0·68	...	1·20	9·83	13·74	3·96	0·32	...	0·24	33·93

* Snow converted.

Provinces.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
N.-W. Provinces—*contd.*	Ranikhet	3·99	...	0·90	1·29	0·16	2·94	11·09	13·08	6·23	0·43	0·05	0·32	40·48
	Almora	4·10	...	0·57	1·53	0·32	2·12	7·42	13·28	5·27	...	0·10	0·31	35·02
	Pithoragarh	4·63	...	1·08	2·32	2·02	5·31	10·20	14·37	7·58	0·55	0·30	0·32	48·68
	Naini Tal	5·00	...	0·50	0·90	0·50	5·90	15·90	23·60	14·40	0·50	...	0·60	67·80
	Dehra Dun	2·96	0·34	0·09	0·17	0·37	10·22	33·03	30·32	4·91	0·62	...	0·04	83·07
	Saharanpur	1·50	...	...	0·04	...	4·00	21·50	13·70	11·20	...	...	0·10	52·04
	Roorkee	2·78	0·02	0·05	1·02	...	2·55	19·18	10·98	9·65	0·35	...	0·16	46·74
	Muzaffarnagar	1·84	...	...	...	...	0·60	10·66	8·71	6·20	...	...	0·32	28·33
	Bijnor	2·31	...	...	...	...	3·60	8·45	12·07	5·79	...	...	0·20	32·42
	Meerut	2·43	...	...	0·08	...	0·42	8·90	9·73	5·61	...	...	0·41	29·58
	Moradabad	3·18	...	...	0·02	0·17	3·42	3·36	9·07	7·67	0·13	...	0·10	27·12
	Rudarpur	4·20	...	...	...	...	3·30	14·40	17·30	6·40	...	...	...	45·60
	Pilibhit	3·00	...	...	1·20	...	9·60	10·20	15·50	8·90	0·90	...	...	49·30
	Bulandshahr	0·25	...	...	...	...	0·70	1·10	13·10	7·00	...	...	0·25	22·40
	Bareilly	3·28	...	0·24	0·12	...	5·77	9·87	13·26	8·88	0·32	...	0·06	41·80
	Budaun	...	...	0·20	...	...	1·88	12·00	12·31	13·03	...	...	...	39·42
	Shahjahanpur	2·34	...	0·14	0·20	...	8·90	17·75	12·75	4·34	...	...	...	46·42
	Aligarh	2·03	...	...	0·01	...	2·84	14·15	17·64	5·67	...	...	...	42·34
	Muttra	0·34	...	...	...	...	1·75	13·66	15·20	4·15	...	...	...	35·50
	Agra	1·06	...	0·07	...	...	1·48	19·61	12·82	7·93	...	0·07	...	43·04
	Etah	1·70	...	0·10	...	0·10	3·50	8·40	15·70	11·20	...	...	...	40·70
	Mainpuri	0·40	...	...	...	...	0·70	11·75	12·05	7·19	...	...	...	32·09
	Farrukhabad	0·45	...	...	0·50	...	2·83	10·05	16·90	4·13	...	...	...	34·86
	Etawah	0·25	...	0·08	...	...	2·56	14·36	17·15	8·09	...	...	...	42·49
	Cawnpore	1·00	...	0·03	0·56	...	1·78	15·79	15·45	5·48	...	...	...	40·09
	Fatehpur	1·28	...	0·19	...	...	2·61	14·11	20·58	4·33	1·17	...	...	44·27
	Jalaun (Orai)	1·00	...	...	...	...	0·20	16·90	13·10	1·40	0·02	...	...	32·62
	Hamirpur	0·84	...	...	...	...	...	10·05	10·66	2·16	2·77	...	...	26·48
	Banda	0·74	...	...	...	...	3·32	15·23	11·70	2·79	1·68	0·20	...	35·66
	Allahabad	2·15	...	0·08	0·19	...	0·80	11·13	18·95	2·36	1·31	0·01	...	36·98
	Basti	0·38	...	0·24	0·73	0·10	7·74	5·26	13·38	5·76	7·90	...	...	41·49
	Gorakhpur	0·34	...	0·06	2·68	0·48	7·53	4·62	7·93	3·71	11·01	...	...	38·36
	Azamgarh	1·10	...	0·60	0·24	0·82	2·87	11·54	12·02	4·42	4·15	...	...	39·76
	Jaunpur	1·24	...	0·07	...	...	4·23	12·77	20·66	7·43	6·61	...	...	53·01
	Benares	1·74	...	0·07	...	0·79	0·94	6·22	16·21	3·75	3·84	...	...	33·56
	Mirzapur	2·10	...	...	0·01	...	0·35	14·18	19·82	3·29	4·43	...	...	44·18
	Ghazipur	2·72	...	...	...	2·78	6·35	5·58	11·30	1·63	2·97	...	...	33·33
	Ballia	1·66	...	0·40	0·53	5·54	10·40	7·05	8·32	6·22	5·86	...	...	45·98
	Dudhi	3·35	...	...	0·32	0·29	4·93	20·39	12·55	4·96	4·43	...	...	51·22

Provinces.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
N.-W. Provinces—*concld.*	Robertsganj	2·41	...	...	0·41	0·18	2·87	13·90	24·08	3·10	5·10	...	...	52·05
	Jhansi	0·41	...	0·30	0·13	...	3·68	21·90	13·44	12·00	0·14	0·37	0·20	52·57
	Lalitpur	0·09	...	...	...	0·01	2·40	10·98	15·88	14·93	0·14	2·60	0·31	47·34
Oudh	Kheri	0·50	...	0·29	0·48	...	5·77	6·30	28·00	13·42	1·73	...	...	56·49
	Sitapur	0·45	...	0·64	2·05	...	3·70	4·06	13·61	6·23	0·51	...	...	31·25
	Bahraich	0·46	...	0·13	0·99	...	6·30	6·70	16·80	9·82	1·17	...	...	42·37
	Gonda	0·64	...	0·06	0·11	0·27	1·79	11·63	20·12	3·52	1·82	...	...	39·96
	Hardoi	0·50	...	...	0·70	...	5·59	10·89	11·30	2·02	...	...	...	31·00
	Nawabganj (Bara Banki)	0·43	...	0·12	...	...	11·80	34·70	15·77	2·45	2·15	...	...	67·42
	Lucknow	0·42	...	0·22	0·02	0·12	3·28	6·57	18·66	5·30	0·65	...	...	35·24
	Unao	0·96	...	0·25	0·12	...	0·30	9·34	12·56	4·77	...	...	...	28·30
	Fyzabad	0·45	...	0·35	0·68	...	2·32	9·64	26·73	11·04	4·60	...	...	55·81
	Sultanpur	0·44	...	...	0·06	...	2·30	12·96	23·84	5·49	3·14	...	...	48·23
	Rae Bareli	0·88	...	0·07	...	...	5·21	8·83	16·53	6·21	1·09	..	...	38·82
	Partabgarh	1·03	...	0·40	...	...	1·20	13·68	17·36	8·36	2·45	...	...	44·48
Nepal	Katmandu	2·13	...	1·40	2·10	4·11	5·54	11·99	16·26	6·68	8·86	0·10	...	59·17
Bengal	Motiharee	1·20	...	0·23	0·82	2·79	16·49	6·62	11·79	14·65	7·21	...	...	61·80
	Durbhunga	1·74	...	0·08	0·95	7·38	12·74	10·71	14·84	5·50	3·19	...	...	57·13
	Sewan	1·58	...	0·29	0·15	3·38	7·49	5·18	10·87	6·02	6·00	...	...	40·96
	Buxar	1·78	...	0·61	0·53	5·74	3·71	6·56	7·50	5·31	4·74	...	...	36·48
	Chupra	1·86	...	0·30	0·63	7·39	5·28	11·40	6·95	2·88	4·95	...	...	41·64
	Arrah	1·50	...	1·12	0·11	10·42	4·88	7·29	5·93	5·96	5·89	...	...	43·10
	Patna (Bankipur)	1·45	...	0·56	0·13	9·61	6·29	8·64	5·25	3·51	3·20	...	...	38·64
	Mozufferpore	1·55	...	0·81	0·42	6·05	11·27	6·71	10·72	5·46	3·35	...	...	46·34
	Barh	1·55	...	1·10	0·20	7·15	3·87	8·09	6·00	7·35	3·30	...	...	38·61
	Sasseram	1·16	...	0·65	1·21	4·75	2·65	4·63	15·16	3·82	4·43	...	..	38·46
	Gya	1·36	...	0·35	0·30	4·25	6·65	10·34	10·89	9·27	0·73	...	...	44·14
	Jamooee	2·39	...	2·35	0·54	5·76	5·44	9·76	10·59	6·45	2·07	...	...	45·35
	Muddehpoora	2·03	...	0·57	0·96	12·58	8·96	5·40	9·82	14·67	2·89	...	...	57·88
	Monghyr	2·87	...	0·54	1·26	11·28	6·01	13·08	6·97	6·97	3·64	...	...	52·62
	Bhagalpur	2·23	...	0·92	0·97	7·80	9·98	10·77	6·72	5·40	1·28	...	...	46·07
	Godda	1·63	...	1·75	2·78	16·87	4·15	13·32	8·77	5·16	1·31	...	...	55·74
	Palamow	3·80	...	...	0·25	5·52	2·97	18·39	10·81	8·38	2·19	...	...	52·31
	Hazaribagh	2·60	...	0·15	0·27	5·85	4·32	14·82	11·99	6·53	2·49	...	...	49·02
	Ranchee	2·29	...	...	0·66	11·54	12·42	11·28	13·21	6·87	1·63	...	...	59·90
	Lohardugga	2·70	...	...	0·21	6·15	6·72	13·58	17·65	8·26	1·39	...	...	56·66
	Nya Doomka	1·93	...	1·29	0·17	12·74	5·25	9·70	8·37	9·50	0·90	...	...	49·85
	Gobindpur	1·38	...	0·24	1·46	4·54	4·44	6·95	7·28	5·22	0·81	...	...	32·32
	Purulia	1·10	...	0·17	0·98	7·22	5·04	9·59	14·69	6·28	2·86	...	...	47·93

Provinces.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	Sirguja	5·81	...	0·25	...	...	2·85	15·55	23·65	2·18	0·50	...	...	50·79
	Jushpore	2·12	...	0·20	0·83	1·71	5·71	16·43	15·11	4·91	3·99	...	...	51·01
	Gangpur	0·55	...	...	5·40	1·59	5·95	14·00	12·16	6·00	2·00	...	...	47·65
	Chybassa	0·31	...	0·11	0·19	11·46	5·72	13·85	14·17	6·15	0·32	...	...	52·28
	Barreepudda	0·66	...	1·67	1·77	5·43	5·68	13·84	8·72	8·71	2·73	0·19	...	49·40
	Keonjhur	...	...	...	0·20	3·50	9·65	10·30	2·83	2·50	...	...	...	28·98
	Jellasore	0·25	...	2·42	1·66	2·70	4·57	15·04	7·70	6·47	2·96	0·12	...	43·89
	Balasore	...	...	0·83	0·67	11·85	4·98	12·89	10·30	5·43	4·40	0·16	...	51·51
	Bhuddruck	0·40	...	4·20	3·65	11·33	4·73	10·85	12·00	4·54	1·78	0·10	...	53·58
	Talcher	0·03	...	0·78	0·64	2·64	7·96	8·03	7·17	4·55	1·94	4·17	...	37·91
	Angul	0·25	...	...	0·96	1·80	9·14	9·19	4·82	4·66	1·26	1·65	...	33·73
	Dhenkanal	0·15	...	0·50	...	3·04	10·35	13·37	11·13	4·64	1·95	0·20	...	45·33
	Bispara	0·48	...	...	0·74	1·25	5·43	17·96	7·10	6·55	4·38	0·30	...	44·19
	Kunjabangar	...	...	1·59	...	2·37	8·69	6·35	13·92	14·07	3·84	...	...	50·83
	Banki (Charchika)	0·70	...	1·78	0·40	2·01	7·25	12·45	10·11	5·21	3·65	0·21	...	43·77
	Cuttack	0·60	...	1·83	0·90	4·38	15·23	11·70	10·56	7·14	0·98	0·25	...	53·57
	False Point	0·67	...	1·51	0·44	13·34	2·19	11·97	10.82	10·59	12·51	4·45	...	68·49
	Pooree	0·28	...	0·29	...	2·45	1·81	6·30	8·07	7·48	6·20	2·00	...	34·88
	Darjeeling	1·35	0·04	2·54	5·35	19·64	22·27	28·23	28·90	13·84	3·45	0·03	...	125·64
Bengal—*contd.*	Mongpoo	2·89	0·06	1·76	5·09	22·10	28·82	23·09	26·83	12·52	3·91	...	...	127·07
	Pedong	3·55	0·19	1·89	8·03	9·55	18·15	24·17	22·84	13·96	3·86	0·16	...	106·35
	Baxa	4·57	0·29	4·81	7·99	28·80	26·11	33·87	50·72	29·66	5·28	...	...	192·10
	Jalpaiguri	1·96	...	3·11	2·86	22·79	37·42	12·94	31·03	21·11	4·09	...	...	137·31
	Cooch Behar	1·45	0·15	4·56	4·50	17·64	54·25	13·84	21·31	17·52	2·48	...	...	137·70
	Kissengunge	3·10	...	0·53	0·10	20·95	19·91	6·85	21·56	13·65	4·33	...	...	90·98
	Purneah	2·57	...	0·63	1·48	22·71	14·56	7·14	11·11	7·57	3·62	...	...	71·39
	Rungpore	2·54	...	2·15	4·91	16·02	27·93	7·68	17·43	10·76	3·70	...	...	93·12
	Dinagepore	1·41	...	2·09	0·87	20·32	24·38	8·61	21·78	11·16	4·94	...	...	95·56
	Maldah	1·42	...	0·83	2·12	12·57	11·37	8·06	4·76	12·53	1·53	...	...	55·39
	Bogra	1·18	...	4·13	0·21	10·41	24·75	12·34	5·51	10·99	3·01	...	...	72·53
	Rampore Bauleah	1·20	...	2·78	0·61	8·94	9·75	8·68	8·36	11·95	4·92	...	...	57·19
	Pubna	1·47	...	6·93	1·26	3·03	5·42	10·91	6·82	9·08	3·28	...	...	48·20
	Scory	1·45	...	2·40	1·66	10·68	7·17	12·28	9·63	8·32	3·30	...	...	56·89
	Bankoora	0·58	...	0·66	2·45	4·27	6·28	13·12	15·57	3·54	1·40	...	...	47·87
	Burdwan	0·80	...	4·73	1·27	10·04	2·95	12·22	11·49	8·94	1·55	...	...	53·99
	Hooghly	0·86	...	3·85	1·84	4·28	13·75	11·84	5·95	3·89	2·34	...	...	48·60
	Howrah	1·18	...	3·41	0·44	7·71	4·81	13·96	9·14	5·11	2·21	0·07	...	48·04
	Midnapore	0·98	...	2·68	2·24	6·69	5·99	16·30	11·13	5·04	3·19	0·14	0·03	54·41
	Tumlook	0·40	...	0·90	0·90	4·40	9·50	20·50	9·10	7·40	0·70	...	...	53·80

Provinces.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Bengal—*concld.*	Berhampore	1·82	0·05	5·09	0·87	9·23	8·95	12·40	10·34	9·60	7·23	...	...	65·58
	Kishnaghur	0·58	...	4·41	1·13	10·83	8·53	8·07	4·60	9·38	4·75	...	...	52·28
	Furreedpore	1·07	...	3·95	0·38	5·89	10·26	8·97	8·00	4·07	4·93	0·34	...	47·86
	Jessore	1·68	...	3·59	0·37	8·24	9·78	6·16	7·27	11·34	2·93	0·13	...	51·49
	Busseerhat	0·36	...	3·86	0·87	4·58	11·46	12·19	11·71	7·35	5·74	...	...	58·12
	Khoolna	1·00	...	5·31	0·35	8·67	13·46	7·69	7·50	9·68	3·29	0·25	...	57·20
	Burrisal	2·26	0·71	3·89	2·45	9·10	9·04	14·95	8·07	11·76	6·04	5·04	...	73·31
	Calcutta (Chowringhee).	1·36	...	3·50	0·37	6·17	5·29	18·39	10·68	8·79	2·97	0·05	...	57·57
	Alipore (Jail)	1·46	...	3·60	0·65	6·49	6·76	18·01	11·11	9·52	2·81	0·26	...	60·67
	Alipore (Obsy.)	1·49	...	3·25	0·89	5·17	6·45	18·19	10·28	9·54	2·57	0·24	...	58·07
	Saugor Island	1·01	...	2·25	1·51	3·91	8·68	19·91	11·97	13·43	9·60	3·79	...	76·06
	Mymensingh	0·92	...	7·73	1·60	8·39	28·61	10·89	8·09	11·41	6·14	0·15	...	83·93
	Kishorganj	1·37	...	3·81	3·18	5·27	24·73	9·61	8·54	6·82	4·11	0·47	...	67·91
	Atia (Tangail)	1·56	...	4·10	1·28	3·19	15·14	8·34	8·13	3·01	4·27	...	...	49·02
	Dacca	0·60	0·07	3·90	2·33	6·36	8·40	14·74	9·42	5·49	4·36	1·11	...	56·78
	Comillah	1·50	...	7·49	0·80	4·55	15·68	7·70	14·41	3·78	5·09	0·92	...	61·92
	Agartalla	1·63	...	7·57	4·87	8·26	13·26	8·16	11·84	4·54	3·05	1·14	...	64·32
	Noakholly	2·54	1·29	6·15	0·24	8·55	12·96	20·20	22·69	8·50	2·38	5·02	...	90·52
	Demagiri	2·56	0·15	9·47	0·03	9·68	18·52	13·17	15·48	14·18	1·78	4·02	...	89·04
	Ranamatia Hill	2·97	...	7·44	...	9·32	16·04	16·79	12·91	9·29	1·88	3·42	...	80·86
	Chittagong	2·14	0·75	6·50	...	8·33	15·69	23·15	17·58	6·85	4·11	4·38	...	89·48
	Cox's Bazar	2·46	...	1·49	...	7·93	19·20	39·18	28·01	10·94	5·50	13·14	...	127·85
Assam	Sylhet	0·84	...	15·45	12·87	14·19	62·29	19·42	16·12	13·41	3·46	0·40	...	158·45
	Silchar	2·22	...	9·67	7·06	6·45	27·90	14·77	17·41	10·71	0·88	2·77	...	99·84
	Cherra Poonjee	4·28	...	20·81	28·02	47·70	192·23	38·03	57·35	48·71	3·35	...	...	440·48
	Tura	0·99	...	2·95	12·61	17·81	44·78	9·11	22·25	17·09	5·63	0·06	...	133·28
	Shillong	2·17	...	2·73	5·04	7·12	30·64	9·20	7·55	12·30	1·78	0·11	...	78·64
	Dhubri	0·61	...	3·41	7·22	22·09	32·29	7·08	17·85	12·98	2·60	...	...	106·13
	Goalpara	1·80	...	4·88	6·23	13·91	36·91	12·24	9·92	7·32	1·20	0·30	...	94·71
	Kulsi	1·96	...	3·69	7·99	6·91	24·14	9·75	12·50	6·88	0·45	...	...	74·21
	Gauhati	2·17	0·05	3·25	10·95	6·07	14·19	3·79	8·75	11·72	0·27	...	...	61·21
	Nowgong	2·18	0·36	3·66	7·17	5·59	11·78	12·97	11·41	15·20	0·18	0·10	...	70·60
	Tezpur	1·11	0·83	3·94	4·24	7·57	14·57	11·32	8·46	6·84	2·05	...	...	60·03
	Chardner	1·16	0·79	2·14	5·44	10·00	12·10	9·23	15·55	14·60	4·63	0·07	...	75·71
	Sibsagar	2·76	0·64	6·63	6·50	13·52	16·17	10·79	14·38	14·18	3·86	...	...	89·43
	Dibrugarh	2·80	1·43	5·88	5·61	17·02	20·71	9·19	21·15	11·93	3·96	...	...	99·68
	Kohima	2·96	0·07	5·85	6·27	8·62	9·63	14·46	17·06	10·67	3·01	0·92	...	79·52
Central Provinces.	Saugor	3·62	...	...	0·16	0·08	5·76	21·48	12·81	6·73	3·43	1·50	0·03	55·60
	Damoh	1·49	...	...	...	0·12	5·77	18·13	9·90	9·23	3·71	0·28	...	48·63

Provinces.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	Jubbulpore	3·98	...	...	...	0·28	7·38	40·57	22·82	10·38	5·08	0·29	0·32	91·10
	Narsinghpur	1·91	...	...	...	...	5·05	27·72	12·55	8·97	3·84	0·16	1·20	61·40
	Hoshangabad	0·46	...	...	0·15	0·58	5·58	24·09	12·69	9·72	2·47	0·94	0·23	56·91
	Khandwa	0·07	...	...	...	0·90	7·87	11·18	8·56	3·25	1·91	1·56	0·06	35·36
	Badnur (Betul)	2·40	...	...	0·04	0·01	10·39	19·21	10·56	9·91	9·69	1·49	0·62	64·32
	Pachmarhi	1·69	...	...	...	0·05	12·33	46·80	24·97	8·47	7·17	0·55	0·95	102·98
	Chhindwara	2·14	...	...	...	0·04	5·58	12·89	12·94	12·37	...	...	0·41	46·37
	Seoni	0·94	...	0·02	0·05	0·40	13·72	33·71	20·14	10·28	3·92	0·07	0·50	83·75
	Balaghat	0·51	...	...	0·02	0·02	10·91	23·69	27·05	9·44	4·81	...	0·31	76·76
	Mandla	1·96	...	...	0·84	...	9·60	21·49	23·93	6·56	3·48	0·06	0·35	68·27
	Bilaspur	0·84	...	...	1·43	...	7·55	18·54	12·54	5·83	0·62	...	0·73	48·08
	Saragaon	0·83	...	...	0·20	...	4·30	13·75	22·38	6·64	0·19	...	0·03	48·32
Central Provinces—*contd.*	Sarangarh	1·00	...	...	0·10	0·14	3·77	19·43	20·81	9·21	3·93	...	...	58·39
	Raigarh	...	...	...	0·32	0·04	5·37	13·38	27·15	11·47	4·05	...	...	61·78
	Sambalpur	0·18	...	0·02	0·83	0·31	6·65	18·00	19·07	9·93	0·78	0·08	0·01	55·86
	Raipur	0·38	...	0·01	0·81	...	13·00	19·65	9·84	8·96	2·41	...	0·32	55·38
	Dhamtari	0·09	...	...	...	...	4·69	33·25	13·80	3·36	1·47	...	...	56·66
	Bhandara	...	...	...	...	0·43	15·64	26·86	22·98	10·62	3·39	1·39	0·15	81·46
	Nagpur	0·03	...	...	0·30	0·36	9·99	18·05	12·62	6·65	4·86	1·76	0·13	54·75
	Arvi	0·03	...	...	0·06	0·79	5·81	23·88	7·32	8·99	5·11	1·90	0·23	54·12
	Wardha	0·10	...	...	0·05	0·38	9·13	24·81	12·40	6·59	3·50	1·23	...	58·19
	Brahmapuri	...	...	0·05	0·25	0·36	13·50	40·03	17·26	3·92	1·01	0·85	...	77·23
	Chanda	...	...	...	0·25	0·04	12·10	25·71	17·74	7·41	3·42	0·13	0·25	67·05
	Sironcha	...	...	...	1·12	0·36	10·04	18·51	15·21	6·20	1·80	2·23	0·01	55·48
	Bastar (Jagdalpore)	...	...	1·17	2·67	0·41	15·43	21·18	9·53	6·72	2·64	1·46	...	61·21
	Makhla	1·24	...	...	0·07	0·58	11·33	45·12	16·76	21·86	9·37	1·63	0·16	108·12
	Chikalda	1·65	...	...	0·52	1·21	10·65	43·59	16·94	22·33	9·82	3·55	0·39	110·56
	Ellichpur	0·64	...	...	...	0·57	5·88	14·79	7·45	5·91	13·20	2·89	0·45	51·78
	Amraoti	0·48	...	...	0·15	2·23	9·91	15·78	8·30	5·47	6·86	1·62	0·73	51·53
Berars	Akola	...	...	...	...	0·60	8·01	19·46	4·90	4·57	8·59	3·09	0·16	49·38
	Buldana	0·08	...	...	...	1·70	4·98	17·47	9·89	8·31	6·34	3·46	0·12	52·35
	Basim	...	...	...	0·19	0·68	9·10	14·12	6·26	3·20	3·73	1·50	...	38·78
	Yeotmal	...	...	...	0·23	0·76	11·37	25·46	10·11	5·00	3·34	0·37	0·36	57·00
	Wun	...	...	...	...	...	10·32	27·58	7·60	2·89	2·09	0·24	0·05	50·70
	Aurangabad (Cant.)	...	...	...	0·55	0·75	4·90	8·36	6·84	4·95	1·52	2·65	0·15	30·67
	Aurangabad	...	...	...	0·60	0·75	4·43	7·43	6·12	5·33	1·28	2·78	0·30	29·02
Hyderabad	Jalna	...	...	...	...	0·70	7·91	7·50	6·07	4·48	6·75	2·04	...	35·45
	Hingoli	...	...	...	1·98	1·68	7·44	11·28	5·87	3·88	3·84	3·51	...	39·48
	Parbhani	...	...	...	0·53	0·44	3·73	9·36	8·95	6·95	3·95	0·94	0·02	34·87

Provinces.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November	December.	Total.
	Nandair	...	...	...	0·62	1·51	8·35	8·60	17·38	9·81	1·77	...	...	48·04
	Bheer	...	...	...	0·11	1·33	3·50	6·18	15·12	5·21	2·37	0·46	...	34·28
	Mominabad	...	...	...	1·10	2·62	4·59	7·08	9·66	5·61	0·97	0·04	0·03	31·70
	Indur	...	...	...	0·56	...	6·99	11·68	6·60	5·53	0·65	0·83	0·05	32·89
	Yelgandal	...	...	...	0·54	...	9·85	8·37	5·72	2·39	1·11	1·08	0·11	29·17
	Medak	...	...	...	0·69	0·06	5·89	4·48	6·90	6·56	3·00	1·06	...	28·64
	Ibrahimpatan	...	...	...	...	...	4·47	5·57	12·43	6·03	1·04	3·09	...	32·63
	Naldurg	...	...	...	0·10	4·55	4·95	7·89	9·13	11·59	2·83	0·30	...	41·34
	Bidar	...	...	...	1·16	2·03	7·14	6·11	7·46	7·81	0·87	1·18	...	33·76
	Gulbarga	...	...	...	0·94	0·87	5·07	3·05	8·58	9·02	2·86	0·10	...	30·49
	Bolarum	...	...	0·04	0·53	0·06	4·22	5·14	5·12	7·10	2·74	1·26	...	26·21
Hyderabad—*contd.*	Secunderabad	...	...	0·02	0·28	0·38	4·98	3·78	4·98	7·80	2·84	1·47	...	26·53
	Hyderabad (Residency).	...	...	...	...	0·21	4·09	4·23	5·85	6·61	3·07	1·81	...	25·87
	Hyderabad (Engineer's Office).	...	...	...	...	0·20	3·72	3·88	4·88	6·29	2·82	2·34	...	24·13
	Nalgonda	...	...	...	0·23	1·32	4·36	3·28	4·78	3·42	2·51	0·30	...	20·20
	Khamam	...	...	0·03	0·17	0·08	4·02	9·31	6·29	4·01	2·23	0·35	0·06	26·55
	Sirpur	...	...	...	?	...	11·32	13·88	12·35	5·10	1·01	1·05	0·26	44·97 ?
	Nagar Karnul	...	...	...	...	0·72	4·71	6·79	2·56	7·34	1·66	2·05	...	30·83
	Raichur	...	...	...	0·10	0·80	4·86	4·57	8·14	7·53	0·50	2·13	...	28·63
	Raichur (Cant.)	...	...	...	...	2·81	3·41	3·03	11·41	4·65	0·64	1·41	0·04	27·40
	Lingsugur (W. Raichur.)	...	...	...	...	1·00	5·02	1·26	6·24	4·17	2·17	2·91	...	22·77
	Zanawada	?	?	?	?	?	5·41	5·48	10·04	7·22	1·40	0·12	...	?
	Sundanully	?	?	?	?	?	5·77	5·16	9·23	11·64	3·95	2·60	...	?
	Dhulia	...	...	...	...	0·27	11·75	10·90	5·84	3·42	1·08	7·06	0·01	40·33
	Nasik	...	...	...	...	0·57	3·18	8·93	4·21	7·94	4·00	4·49	0·23	33·55
	Igatpuri	...	...	...	...	0·73	26·34	81·86	4·81	14·88	2·98	3·22	...	134·82
	Malegaon	...	...	...	...	0·67	7·78	5·38	5·61	2·87	1·35	4·08	0·10	27·84
	Ahmednagar	...	...	...	...	1·84	1·42	3·84	3·37	4·48	2·93	5·17	0·28	23·33
	Poona	...	...	...	0·10	1·58	3·99	10·86	2·22	4·96	1·86	3·87	0·16	29·60
	Lanauli	...	...	...	...	0·14	32·18	82·07	31·14	16·70	2·15	1·62	0·60	166·60
Bombay.	Satara	...	...	...	0·44	2·00	7·95	20·68	3·54	5·43	2·85	3·49	0·49	46·87
	Mahableshwar	...	...	...	0·60	1·00	62·71	120·87	65·04	33·66	3·82	4·42	0·18	292·30
	Sholapur	...	...	...	0·23	2·51	3·94	5·19	13·76	10·15	3·38	0·17	0·08	39·41
	Kolhapur	...	...	0·15	0·42	1·71	8·42	15·99	2·35	5·50	4·10	2·09	...	40·73
	Baura	...	...	...	...	1·61	71·43	72·54	44·23	38·76	18·04	1·35	...	247·96
	Belgaum	...	...	1·69	2·57	0·36	10·46	18·67	2·06	3·23	11·86	3·29	...	54·19
	Gokak	...	...	...	1·14	2·58	3·52	5·08	1·50	2·91	6·67	1·89	0·07	25·36
	Dharwar	...	...	...	2·20	0·37	4·91	8·74	2·58	3·50	9·69	3·65	...	35·64

Provinces.	Stations.	January.	February	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Bombay—*contd.*	Hubli	...	...	...	1·72	1·22	4·05	6·39	1·16	3·35	7·07	3·26	0·05	28·27
	Nargund	...	...	...	2·64	5·29	2·60	0·75	3·07	4·55	6·22	3·69	0·30	29·11
	Mandargi	...	...	...	1·40	2·89	1·90	1·07	2·26	3·46	5·00	2·42	0·27	20·67
	Kalghatgi	...	...	...	1·32	0·75	7·41	9·01	2·56	1·72	7·14	5·04	0·23	35·18
	Bijapur	...	...	...	0·71	2·28	2·26	1·41	4·73	5·35	5·07	0·54	0·08	22·43
	Honawar	...	...	0·10	0·09	1·73	49·75	41·86	16·73	10·88	21·27	5·64	...	148·05
	Karwar	...	...	...	0·07	2·44	54·78	36·64	21·05	14·65	11·73	3·09	0·03	144·28
	Goa	...	...	...	...	0·69	52·89	28·94	23·60	7·88	10·08	3·21	...	127·29
	Vingurla	...	...	...	0·19	0·78	61·10	28·59	17·89	12·36	13·68	3·14	...	137·73
	Ratnagiri	...	...	0·02	0·04	0·87	45·37	25·77	17·41	21·85	1·23	1·63	0·01	114·20
	Colaba (Obsy.)	...	...	...	0·02	0·09	24·07	30·98	17·59	18·23	2·79	1·02	0·16	94·95
	Byculla (J. J. Hospital.)	...	...	...	...	...	24·26	35·65	18·73	18·27	2·62	...	...	99·53
	Tanna	...	...	...	...	1·07	32·93	35·99	22·89	7·70	1·73	0·86	0·09	103·26
	Matheran	...	...	...	...	0·89	46·94	92·02	45·46	20·23	0·99	2·47	...	209·00
	Surat	...	...	...	...	0·50	8·08	22·16	5·48	1·36	...	1·85	0·16	39·59
	Broach	...	...	...	...	...	12·72	14·47	3·65	1·98	...	1·39	...	34·21
	Kaira	0·19	...	...	0·01	0·02	13·18	23·84	7·73	0·71	...	2·31	0·28	48·27
	Bariya	...	...	...	...	0·02	14·46	24·73	10·99	6·87	...	0·56	...	57·63
	Godhra	...	...	...	...	...	8·17	23·04	11·25	2·92	0·12	2·16	0·88	48·54
	Dohad	...	...	...	0·01	0·04	2·10	13·08	8·98	3·06	0·03	1·11	0·32	28·73
	Ahmedabad	...	...	...	...	...	7·03	12·54	4·96	0·14	...	0·38	0·19	25·24
	Edar	...	...	...	...	...	3·86	18·76	11·96	0·55	...	...	0·63	35·76
	Deesa	...	...	...	...	...	1·52	7·49	4·40	...	...	...	0·23	13·64
	Wadhwan	...	...	...	...	...	4·52	12·30	0·90	0·37	0·02	0·88	0·59	19·58
	Palanpur	...	...	...	0·02	...	3·32	15·13	5·88	0·11	...	...	0·15	24·61
	Rajkot	...	...	...	0·01	...	2·30	17·25	4·23	2·15	...	0·20	0·06	26·20
	Songad	0·14	...	0·16	...	...	7·55	12·05	1·83	1·17	...	0·76	0·51	24·17
	Manakwara	0·01	...	...	...	...	5·33	16·33	2·62	2·04	?	?	?	?
	Jetalsar	?	?	?	?	?	?	?	?	?	0·02	0·11	0·02	?
	Bhuj	...	...	...	...	...	3·24	7·59	0·60	...	...	0·19	...	11·62
	Rahpur	...	...	...	...	...	1·87	4·44	0·25	0·06	...	...	0·18	6·80
	Nagar	...	...	...	...	...	0·30	4·75	3·42	...	...	...	...	8·47
	Kurrachee	1·08	...	...	...	...	0·03	1·66	0·56	...	...	...	...	3·33
	Sehwan	1·00	...	...	...	...	0·55	0·70	0·95	...	...	...	...	3·20
	Tatta	0·85	...	...	...	...	0·05	1·55	0·21	...	...	...	0·06	2·72
	Hyderabad (Observatory.)	1·11	...	...	...	...	...	0·77	1·72	...	...	...	...	3·60
	Umarkot	0·54	...	...	...	...	...	1·34	0·21	...	...	...	...	2·09
	Shikarpur	0·46	0·06	...	0·04	...	...	...	0·58	...	...	...	...	1·14

Provinces.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Bombay—*concld.*	Rohri	0·36	0·20	...	0·16	...	0·23	...	4·37	...	...	...	...	5·32
	Jacobabad	0·52	0·07	...	...	...	...	...	0·66	...	...	...	...	1·25
Madras	Ganjam	...	...	0·06	...	...	2·70	7·74	9·59	5·65	5·37	3·28	...	34·39
	Gopalpur	0·20	...	0·03	...	0·60	2·47	9·26	12·12	4·41	8·47	2·34	...	39·90
	Aska	...	...	0·90	1·15	2·73	7·81	8·10	9·17	7·11	6·48	1·18	...	44·63
	Aska (Minchin Bro.'s Bungalow).	...	...	0·95	1·25	3·10	8·10	7·36	9·34	7·47	8·08	1·66	...	47·31
	Aska (Minchin Bro.'s Office).	...	...	0·83	1·00	2·90	7·24	7·09	9·15	7·23	7·26	1·45	...	44·15
	Vizianagram	...	...	2·20	...	1·38	10·10	4·80	6·20	7·10	10·35	3·75	...	45·88
	Bimlipatam	...	...	0·95	...	2·00	6·50	4·05	5·65	4·85	6·60	2·90	...	33·50
	Rayaghadda	...	..	0·55	2·10	2·00	12·00	14·05	16·55	5·25	2·15	1·70	...	56·35
	Nourangapur	...	...	...	...	0·70	8·10	23·30	17·50	10·20	4·10	...	...	63·90
	Gunipur	...	...	1·85	2·00	1·25	9·25	11·40	11·20	7·25	2·05	0·70	...	46·95
	Jeypur	...	...	0·10	1·98	1·50	15·40	32·70	16·40	13·10	4·20	1·20	...	86·58
	Koraput	...	...	...	0·60	2·20	9·00	25·35	16·10	6·70	4·30	1·60	...	65·85
	Malkanagiri	...	...	...	0·50	...	17·30	31·40	24·90	9·40	2·50	1·15	0·05	87·20
	Narsapatnam	...	...	1·55	1·35	4·45	4·80	4·60	6·45	5·75	7·25	2·00	...	38·20
	Vizagapatam	...	...	0·40	...	1·10	8·80	6·30	5·80	6·20	11·70	3·30	...	43·60
	Cocanada	...	...	...	...	0·61	9·01	6·21	5·25	3·01	8·08	7·50	...	39·67
	Rajahmundry	...	...	...	...	2·10	6·05	4·80	3·80	3·70	3·95	2·55	...	26·95
	Ellore	...	...	...	0·25	0·17	5·96	1·47	8·73	4·11	6·65	5·30	...	32·64
	Masulipatam	...	...	...	...	0·35	4·47	3·38	7·72	4·08	4·26	4·54	0·11	28·91
	Guntur	...	...	...	...	0·63	3·30	3·15	5·80	3·05	4·90	1·00	...	21·83
	Vinukonda	...	...	...	...	...	2·91	2·87	4·36	4·87	9·00	7·08	...	31·09
	Ongole	...	...	...	...	1·10	2·85	4·70	5·10	4·60	12·15	12·95	0·90	44·35
	Nellore	...	...	...	...	3·00	1·50	1·50	2·65	2·85	26·60	20·75	4·00	62·85
	Udayagiri	...	...	...	...	...	0·60	1·35	1·50	6·10	13·05	12·85	4·20	39·65
	Tada	...	...	...	...	0·75	3·65	2·02	...	2·72	21·65	13·70	8·65	53·14
	Kurnool	...	...	...	1·03	0·82	4·66	3·16	10·42	9·24	1·68	0·69	...	31·70
	Cumbum	...	...	...	...	...	4·10	3·22	6·75	6·06	3·62	2·98	0·47	27·20
	Nandyal	...	...	...	...	2·55	9·52	10·52	14·53	10·87	2·76	0·37	...	51·12
	Bellary	...	...	...	0·15	0·71	4·05	2·69	2·96	2·69	2·72	1·40	0·56	17·93
	Gooty	...	...	...	...	1·37	1·90	1·50	10·36	9·71	2·86	0·75	...	28·45
	Adoni	...	...	...	0·55	2·35	6·20	1·93	7·25	6·80	1·15	1·48	0·15	27·86
	Dharmavaram	...	...	...	...	0·60	0·50	0·60	8·10	5·90	3·30	2·80	...	21·80
	Cuddapah	...	...	...	...	0·80	5·80	1·40	9·47	7·90	6·50	6·80	1·40	40·07
	Madanapalle	...	...	...	...	3·50	1·50	0·70	2·40	3·60	7·15	5·20	3·45	27·50
	Chittoor	...	...	...	...	1·80	4·55	0·05	1·99	3·53	9·35	7·56	4·89	33·72
	Vellore	...	...	...	...	4·27	2·18	1·10	5·58	7·34	14·42	8·43	9·02	52·34
	Chandragiri	...	...	...	...	1·15	3·90	0·93	2·22	4·70	11·25	7·90	11·20	43·25

Provinces.	Stations.	January	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total
	Arcot	...	...	...	...	1·05	3·26	2·10	5·80	10·20	11·09	12·85	8·86	55·21
	Madras	0·01	...	0·30	...	0·06	0·63	2·99	8·67	7·70	24·36	13·57	11·95	70·24
	Palmaner	...	...	...	...	1·60	6·70	...	2·32	9·58	5·81	6·40	5·52	37·93
	Saidapet	...	...	0·45	...	...	1·85	1·57	4·55	8·65	25·37	10·50	11·20	64·14
	Chingleput	...	...	...	...	1·20	6·59	4·46	4·50	8·02	23·25	13·45	8·85	70·32
	Cojeeveram	...	...	...	...	0·50	5·14	1·40	4·17	10·49	18·95	13·52	8·39	62·47
	Tindivanam	...	...	...	0·60	0·13	1·90	1·70	9·87	4·50	16·10	10·95	9·55	55·30
	Cuddalore	0·05	...	1·00	0·23	1·65	1·63	4·95	7·36	7·72	31·27	15·88	17·07	88·81
	Vriddhachalam	...	...	1·20	...	2·70	4·07	2·25	4·68	1·55	16·22	11·55	8·42	52·64
	Udayarpalaiyam (Jyankanda Cholapuram).	...	...	1·40	2·70	2·90	2·70	0·73	7·00	4·58	14·30	11·52	9·45	57·28
	Salem	...	...	1·55	2·86	5·46	4·81	1·24	8·37	3·36	8·25	4·45	1·77	42·12
	Atur	...	...	1·80	0·40	3·05	2·00	2·40	7·35	1·35	8·05	6·30	2·15	34·85
	Shevaroy Hills	...	...	1·45	1·24	7·75	8·80	2·90	11·83	6·43	14·68	13·05	6·40	74·58
	Kumbakonam	...	...	1·60	...	1·20	0·95	0·30	6·20	1·50	15·99	10·01	13·18	50·93
	Tirupatur	...	...	...	0·95	3·06	3·68	0·83	4·93	2·35	9·55	3·93	1·25	30·53
	Hosur	...	...	...	0·20	4·55	1·85	2·50	3·70	0·85	11·45	8·10	1·45	34·65
	Tranquebar	...	...	2·00	0·40	1·65	0·25	0·50	7·05	3·90	16·75	11·10	10·21	53·81
	Negapatam	0·05	...	3·75	2·16	0·84	4·30	0·95	1·77	1·38	19·66	15·28	15·25	65·39
Madras—*contd.*	Tanjore	...	...	1·95	0·90	0·20	3·75	...	5·55	2·80	7·80	10·82	10·20	43·17
	Putukota	...	0·30	2·00	1·20	0·20	2·83	0·50	3·10	2·32	9·24	13·07	12·17	46·93
	Trinchinopoly	...	...	1·59	2·27	0·81	3·33	...	8·85	1·11	8·65	4·96	5·57	37·14
	Karur	...	...	1·00	4·73	2·13	0·87	0·14	3·74	1·47	6·05	2·86	2·84	25·83
	Coimbatore	...	0·60	1·64	1·24	1·52	2·26	0·94	0·58	0·38	8·50	5·63	3·84	27·13
	Kollegal	...	...	0·70	1·86	4·83	2·20	0·30	3·00	3·25	10·17	5·70	1·10	33·05
	Dindigul	...	...	6·48	1·95	1·37	2·32	0·77	1·62	2·51	10·71	5·47	8·72	41·92
	Madura (Obsy.)	...	0·51	1·20	2·10	3·39	5·20	0·04	5·13	4·45	7·59	5·13	4·09	38·83
	Madura (Cutchery)	...	0·95	1·25	1·80	2·75	5·45	...	4·72	4·01	7·74	4·30	3·80	36·77
	Pasumali	...	0·50	1·58	2·84	1·32	3·52	0·76	5·25	3·13	7·85	5·73	4·31	36·19
	Vattanum	...	...	0·75	2·77	...	1·80	1·98	1·66	0·70	9·96	5·87	5·16	30·65
	Periyakulam	...	...	3·01	3·67	1·15	0·40	...	2·03	0·10	7·80	1·50	5·65	25·31
	Tinnevelly	...	0·90	0·65	3·55	0·27	...	0·10	0·55	...	12·10	5·13	5·25	28·50
	Tuticorin	...	0·35	0·30	8·35	...	0·50	...	0·30	...	5·72	14·43	7·05	31·00
	Satur	...	0·25	1·45	4·28	0·80	0·50	0·10	1·85	1·55	12·23	1·50	3·95	28·46
	Cochin	...	0·13	0·89	9·87	5·40	40·31	13·60	5·63	6·81	13·83	3·66	1·83	101·96
	Palghat	...	0·05	0·15	1·80	3·08	15·23	16·13	3·55	3·70	11·25	3·55	0·20	58·69
	Wellington	0·02	0·61	4·04	4·45	2·10	4·07	1·49	5·22	2·18	10·53	9·15	9·16	53·02
	Manantoddy	...	...	1·35	3·30	0·51	23·76	27·25	5·09	7·69	11·19	3·82	0·41	84·37
	Calicut	...	0·35	1·00	1·75	3·00	46·65	29·40	4·05	5·65	10·95	8·20	1·10	112·10

Provinces.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total
Madras—*concld.*	Tellicherry	...	...	0·45	2·20	5·37	57·00	38·32	9·02	8·33	11·75	9·35	0·65	142·44
	Cannanore	...	...	...	2·89	0·66	47·76	31·00	6·23	7·63	10·48	7·99	2·25	116·89
	Mangalore	...	...	0·02	1·17	3·10	52·47	27·37	17·00	14·22	13·12	3·52	...	131·99
Mysore and Coorg.	Bangalore	...	...	0·05	0·12	4·42	2·70	2·00	6·22	4·49	9·06	3·79	1·14	33·99
	Mysore	...	...	0·10	2·20	8·16	3·70	1·24	3·62	4·57	10·41	7·23	0·70	41·93
	Shimoga	...	...	0·04	2·69	1·19	6·39	9·11	2·79	1·77	5·61	6·96	...	36·55
	Mercara	...	...	0·43	3·63	1·25	35·22	45·06	11·91	14·23	16·58	8·78	0·56	137·65
	Kolar	...	...	...	1·32	2·51	6·06	0·84	4·91	4·41	8·97	8·52	2·50	40·04
	Tumkur	...	...	...	0·44	4·58	2·12	2·06	4·39	7·84	5·93	3·03	0·80	31·19
	Chitaldroog	...	...	...	1·31	3·58	1·83	1·55	3·16	2·36	5·23	3·36	0·79	23·17
	Chikmagalur	...	...	0·12	3·54	2·24	5·10	7·31	1·17	1·03	10·00	3·52	0·65	34·68
	Hassan	...	...	...	2·73	3·60	3·60	6·67	1·24	0·92	13·08	2·25	0·54	34·63
Ceylon	Jaffna	0·75	2·06	1·00	2·43	0·27	3·17	0·01	1·07	0·67	15·53	6·76	22·00	55·72
	Manaar	0·20	1·01	4·35	1·66	0·10	2·33	...	...	0·02	12·27	6·89	23·05	51·88
	Trincomalee	0·53	0·38	0·26	3·87	1·09	2·63	2·03	9·21	1·52	7·73	8·52	27·82	65·59
	Batticaloa	5·45	7·16	0·05	1·10	0·19	1·32	0·19	3·04	0·90	6·37	5·03	24·12	54·92
	Hambantota	1·33	0·15	1·58	3·87	1·47	2·32	2·29	1·30	...	4·67	4·70	9·07	32·75
	Galle	5·31	6·18	0·77	11·69	5·18	8·21	2·46	8·54	2·80	17·21	13·33	9·63	91·31
	Ratnapura	2·06	2·20	3·61	16·01	26·65	28·46	7·75	15·01	3·00	12·89	17·21	11·24	146·09
	Colombo	2·31	2·20	1·66	23·80	14·14	6·58	1·18	4·85	0·48	13·43	6·54	6·98	84·15
	Kandy	3·74	5·47	1·17	12·98	2·34	7·36	4·65	3·98	4·38	11·96	13·60	16·31	87·94
	Newera Eliya	1·70	2·72	0·72	8·07	4·66	8·94	8·95	4·13	7·90	16·54	9·48	20·33	94·14
	Puttalam	0·13	0·84	2·16	7·30	1·91	1·08	0·55	0·02	...	12·84	10·10	17·35	54·22
	Anuradhapura	0·86	2·72	2·21	11·46	?	?	...	0·29	...	15·58	6·46	26·53	?
Burma	Akyab	0·19	...	0·30	...	18·45	13·53	52·14	46·33	29·75	3·85	...	...	161·54
	Kyaukpyu	1·43	...	1·25	...	20·78	45·25	80·70	44·58	13·27	3·23	3·17	...	213·66
	Sandoway	0·55	...	0·06	...	13·01	34·88	91·85	31·87	29·88	3·17	0·01	...	205·28
	Rangoon	...	...	0·38	0·66	15·62	21·08	29·82	12·85	16·57	2·17	...	...	99·15
	Bassein	0·09	...	0·92	1·63	7·91	16·25	29·07	18·27	14·30	4·88	0·29	...	92·71
	Diamond Island	...	...	...	0·10	5·33	15·11	27·02	18·73	27·12	3·03	4·43	0·01	100·88
	Henzada	0·30	...	...	0·90	10·88	12·74	21·96	12·26	15·13	3·53	...	...	77·70
	Myanaung	0·12	...	...	1·35	5·57	9·36	13·90	7·91	8·62	0·56	0·16	...	47·55
	Prome	...	...	...	0·51	3·83	4·73	12·41	5·44	7·93	4·07	0·02	...	38·94
	Thayetmyo	...	...	...	0·36	2·70	2·30	9·42	3·67	7·63	3·28	0·08	...	29·44
	Mandalay	0·63	...	0·19	0·46	11·09	2·04	4·09	7·18	0·91	1·39	0·14	...	28·12
	Shweybo	0·50	...	0·04	0·30	3·30	4·33	9·76	7·49	5·29	2·99	0·20	...	34·20
	Yeu	0·36	0·08	0·30	2·13	2·94	6·01	8·42	7·93	7·14	2·81	0·30	...	38·42
	Minbu	0·34	...	...	...	2·87	2·45	4·58	4·74	6·63	0·98	0·02	...	22·61
	Pyinmana	0·21	...	...	1·46	4·40	3·98	13·80	11·17	18·93	1·93	0·42	...	56·30

TABLE XIV.—INCHES OF RAINFALL IN EACH MONTH OF 1887.

Provinces.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	Pagan	0·05	0·12	0·97	0·04	7·12	3·39	7·57	2·57	7·62	2·10	0·04	...	30·69
	Kyauksai	1·56	...	...	1·30	4·38	1·70	6·71	1·01	4·08	1·49	...	...	22·23
	Bhamo	4·56	0·06	0·53	2·50	7 87	9·88 ?	18·95	13·20	14·39	5·44	0·93	...	78·31 ?
	Kendat	2·28	0·02	0·65	0·66	10·40	4·53	18·64	6·71	5·26	6·37	1·53	...	57·05
	Toungdwingyee	...	...	...	0·50	3·40	8·90	7·89	5·34	15·57	3·00	0·64	...	45·24
	Ye Methin	?	?	?	1·72	4·70	1·72	5·24	5·71	7·51	3·12	0·38	...	?
	Fort Sagaing	0·23	...	0·05	0·45	10·52	0·69	6·33	5·89	3·30	2·99	0·40	...	30·85
Burma—*contd.*	Mingin	0·66	...	0·52	...	7·61	8·86	10·27	3·40	3·91	3·32	0·81	...	39·36
	Toungoo	0·17	...	0·04	2·43	4·50	12·52	20·53	19·76	16·41	4·91	0·16	...	81·43
	Shwegyin	0·15	...	0·13	2·40	13·04	21·71	47·32	20·81	28·22	3·85	0·02	0·02	137·67
	Moulmein	...	0·97	3·09	1·91	11·82	31·24	66·78	22·81	35·95	7·81	...	...	182·38
	Tavoy	...	0·25	2·95	5·22	15·58	28·45	51·86	40·55	32·07	4·97	0·14	...	182·04
	Mergui	0·03	4·80	6·05	13·94	31·38	27·81	35·68	23·04	25·83	9·97	6·48	...	182·01
	Yewoon	?	?	?	0·54	4·24	1·58	8·51	3·16	3·14	0·55	0·30	...	?
	Myingyan	0·05	0·08	...	0·02	5·76	2·29	4·27	3·87	5·13	2·84	0·10	...	24 41
	Alon	?	?	?	?	5·58	0·99	9·91	1·60	2·97	0·95	0·20	...	?
Bay Islands	Cocos Island	?	...	?	1·49	10·83	8·85	17·97	13·49	12·72	3·97	5·59	?	?
	Port Blair	0·09	...	2·17	1·97	21·85	22·29	15·83	19·31	8·89	10·26	4·56	9·44	116·66
	Nancowry	0·20	11·36	8·16	3·83	19 19	20·38	18·78	17·18	18·02	12·56	19·21	15·40	164·27
Straits Settlements.	Singapore	11·79	12·90	5·46	9·12	7·12	10·23	13·97	14·39	8·53	6·92	10·28	12·98	123·69

TABLE XV.—NUMBER OF DAYS ON WHICH RAINFALL WAS MEASURED IN 1887.
(507 STATIONS).

PROVINCES.	STATIONS.	January.	February.	March.	April.	May.	June	July.	August.	September.	October.	November.	December.	Total
ARABIA	Aden	1	...	...	...	...	...	...	3	1	...	...	...	5
PERSIA	Bushire	6	4	2	...	...	...	...	...	...	...	3	9	24
ASIATIC TURKEY	Baghdad	?	?	?	?	?	?	?	?	?	...	1	5	?
LAKHADIVES	Amini Divi	...	...	1	1	10	29	22	20	21	16	13	8	141
	Minicoy Light house.	?	?	1	1	17	26	14	18	13	15	9	10	?
BELUCHISTAN	Peshin	7	2	...	3	...	...	2	...	...	...	...	2	16
	Quetta	10	4	...	3	...	...	2	...	...	...	...	2	21
KASHMIR	Leh	11	2	5	...	2	2	...	4	...	2	...	1	29
PUNJAB	Abbottabad	10	3	6	7	1	3	12	13	3	4	...	3	65
	Murree (Obsy.)	13	5	7	9	1	6	17	22	7	4	...	3	94
	Murree (Cutchery)	...	1	4	5	...	4	10	15	4	3	...	3	49
	Murree (Brewery)	13	5	6	6	1	5	16	15	6	3	...	3	79
	Chamba	15	5	6	7	2	11	22	21	7	3	1	4	104
	Dharmsala	13	3	4	4	3	15	29	31	7	4	...	...	113
	Kailang	12	7	10	5	7	5	8	13	6	2	...	2	77
	Kilba	8	6	7	6	4	11	11	19	13	6	1	2	94
	Simla (Obsy.)	13	6	8	7	5	15	25	25	7	1	...	1	113
	Simla (Cutchery)	7	1	?	?	?	10	20	18	9	1	...	1	?
	Peshawar (Obsy.)	4	1	5	3	2	...	1	4	5	1	...	3	29
	Peshawar (Cutchery).	3	...	3	2	...	...	2	3	5	1	...	1	20
	Kohat	1	...	4	3	2	4	6	5	7	2	...	...	34
	Bannu	2	...	3	3	...	2	3	2	1	...	...	...	16
	Dera Ismail Khan	6	1	3	2	1	4	2	2	2	...	...	...	23
	Dera Ghazi Khan	1	...	...	1	...	4	...	1	...	...	...	...	7
	Muzaffargarh	...	...	...	...	...	4	2	2	...	...	...	...	8
	Mooltan (Obsy.)	2	...	...	...	1	6	1	2	...	...	...	...	12
	Mooltan (Cutchery)	1	...	...	...	1	5	...	1	...	...	...	...	8
	Jhang	2	...	1	...	...	4	4	2	1	...	...	...	14
	Montgomery	1	...	...	...	...	4	1	6	1	1	...	...	14
	Shahpur	...	...	1	2	...	1	1	3	4	1	...	...	13
	Rawalpindi	5	2	6	3	3	5	13	9	5	3	...	2	56
	Jhelum	5	...	2	1	...	5	5	10	3	...	...	1	32
	Gujrat	4	...	2	1	...	3	6	10	2	...	...	1	29
	Sialkot (Obsy.)	7	1	2	2	1	5	13	13	3	1	...	1	49
	Sialkot (Cutchery)	6	...	2	...	...	4	9	11	...	...	...	...	32
	Gujranwala	2	...	...	...	..	4	5	9	1	...	...	...	21

Provinces.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Punjab—*contd.*	Gurdaspur	4	...	...	...	...	3	13	13	3	...	...	2	38
	Dhariwal	5	...	...	...	...	3	14	10	2	...	...	...	34
	Lahore	6	...	1	1	1	6	7	12	3	...	...	...	37
	Amritsar	3	...	...	...	1	2	8	8	1	...	...	...	23
	Ferozepore	1	...	...	...	1	3	1	8	3	...	...	1	18
	Jullundur	2	...	...	...	...	4	8	11	3	...	...	...	28
	Hoshiarpur	8	...	1	...	...	5	12	21	4	...	...	1	52
	Ludhiana	6	...	...	1	...	5	5	11	6	2	...	1	37
	Umballa	7	...	...	...	...	6	15	15	6	...	...	1	50
	Sirsa	5	...	1	...	...	6	7	13	2	2	...	2	38
	Hissar	...	...	...	...	...	5	5	12	3	...	...	1	26
	Rohtak	3	...	...	...	...	1	10	15	3	...	...	1	33
	Delhi (Obsy.)	9	...	...	2	...	9	14	24	7	1	...	1	67
	Delhi (Cutchery)	8	...	...	1	...	8	14	23	7	...	...	1	62
	Gurgaon	4	...	...	...	...	4	13	17	3	...	...	1	42
	Karnal	5	...	...	...	...	3	13	20	4	1	...	...	46
Rajputana	Jeysulmere	2	...	...	...	...	...	4	3	...	...	...	...	9
	Phalodi	3	...	...	1	...	2	5	6	1	...	...	...	18
	Bickaneer	3	...	...	1	1	7	8	12	1	1	...	...	34
	Nagar	4	...	...	...	...	4	12	11	1	1	...	...	33
	Didwana	3	...	...	1	1	6	16	14	2	1	...	1	45
	Jhunjhnu	5	...	...	2	...	5	13	18	3	1	...	2	49
	Khetri	4	...	...	...	...	1	14	16	4	1	...	1	41
	Sikar	3	...	...	...	...	4	15	14	3	...	...	2	41
	Sri Madhopur	6	...	...	2	...	10	17	17	3	...	...	...	55
	Ulwar	2	...	...	...	...	6	18	18	7	...	...	...	51
	Bhurtpore	2	...	1	1	...	4	18	18	8	...	...	...	52
	Bandikui	4	...	...	...	...	3	15	19	4	...	...	...	45
	Jeypore	5	...	1	2	...	7	23	24	8	1	1	1	73
	Sambhar	7	...	...	2	...	6	19	22	6	1	...	1	64
	Kerowlee	3	...	1	...	...	6	22	19	7	...	1	...	59
	Lalsot	2	...	...	...	...	2	15	23	4	...	...	...	16
	Tonk	3	...	...	...	...	8	17	25	6	2	1	1	63
	Siwai Madhopur	1	...	...	...	...	6	19	23	2	...	...	...	51
	Deoli	2	...	...	1	1	12	23	23	6	1	1	1	71
	Kotah	1	...	...	...	2	6	16	19	5	...	1	2	52
	Jhalrapatan	1	...	...	...	1	7	23	15	7	...	3	1	58
	Ajmere	3	...	...	...	1	6	19	16	3	...	...	1	49
	Nusseerabad	3	...	...	1	...	6	15	17	3	2	...	1	48

TABLE XV.—NUMBER OF DAYS ON WHICH RAINFALL WAS MEASURED IN 1887.

Provinces.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Rajputana—*contd.*	Malpura	3	...	...	1	...	6	18	20	3	...	...	...	51
	Beawar	1	...	...	1	...	2	10	8	1	...	...	...	23
	Jodhpore	3	...	...	2	...	3	11	11	...	...	...	...	30
	Jodhpore (Residency)	2	...	...	2	...	3	10	13	...	...	...	...	30
	Pachpadra	2	...	...	...	...	...	10	10	...	...	...	...	22
	Jasol	1	...	...	...	1	...	7	6	...	...	...	...	15
	Barmer	1	...	...	...	...	1	9	7	...	1	...	...	19
	Pali	...	...	...	...	1	2	10	5	...	...	...	...	18
	Shahpoora	2	...	...	2	...	8	16	15	7	...	1	1	52
	Erinpura	1	...	...	...	...	5	17	18	...	1	...	...	42
	Sirohee	...	...	...	...	...	2	13	12	...	...	...	...	27
	Mount Abu	1	...	...	...	...	10	28	29	4	...	...	1	73
	Kotra	...	...	...	...	1	8	25	27	4	...	...	1	66
	Oodeypore	...	...	...	...	...	9	16	18	5	1	3	1	53
	Partabgarh	1	...	...	...	1	12	25	25	4	...	3	1	72
	Kherwara	...	...	...	...	...	9	23	21	2	...	3	1	59
	Banswara	...	...	...	...	...	8	22	24	6	...	4	1	65
Central India	Neemuch (Obsy.)	...	...	...	1	1	9	14	13	3	...	3	2	46
	Neemuch (Cutchery)	...	...	...	...	...	9	21	17	3	...	3	1	54
	Sirdarpore	...	...	...	1	1	11	25	22	12	3	7	...	82
	Agar	...	...	...	1	1	8	21	18	6	...	3	1	59
	Rutlam	...	...	...	2	...	8	22	22	4	...	7	1	66
	Indore	...	...	...	...	3	15	27	24	9	3	8	2	91
	Bhopal (Sehore)	...	...	...	...	1	12	26	20	8	3	2	1	73
	Goona	1	...	1	...	...	11	26	24	9	1	2	2	77
	Morar	3	...	1	2	...	2	21	16	8	...	...	1	54
	Nowgong	6	...	2	...	1	5	25	25	9	3	2	1	79
	Sutna	8	...	2	1	...	8	21	18	10	2	1	1	72
	Nagode	6	...	3	...	...	5	22	22	10	2	1	...	71
	Maihar	6	...	2	...	...	9	22	17	6	2	1	1	66
	Rewah	6	...	2	1	1	8	28	25	9	4	...	1	85
	Chandia	6	...	...	...	...	8	20	27	13	3	...	...	77
	Ramnagar	5	...	1	...	...	4	15	17	9	2	...	...	53
	Sihawal (Bardi)	6	...	...	1	1	6	22	21	12	2	...	...	71
	Sitlagha	8	...	3	...	...	5	18	15	7	3	...	...	59
	Sohagpur	5	...	...	2	1	8	10	20	14	7	...	...	67
N.-W. Provinces.	Chakrata	11	2	4	7	2	13	28	27	9	3	1	1	108
	Mussooree	8	1	5	6	2	12	26	29	10	3	...	1	103
	Srinagar	5	...	2	3	1	6	19	13	6	...	1	1	57

Provinces.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	Pauri	9	1	3	3	...	5	24	23	9	1	...	1	79
	Ranikhet	10	...	7	4	2	11	25	24	14	3	1	1	102
	Almora	9	...	4	5	1	12	23	18	10	...	1	1	84
	Pithoragarh	11	...	6	9	11	17	22	26	11	5	3	2	123
	Naini Tal	9	...	1	5	1	17	24	27	9	2	...	2	97
	Dehra Dun	9	1	2	2	1	13	26	28	10	3	...	1	96
	Saharanpur	5	...	...	1	...	2	10	14	6	...	...	1	39
	Roorkee	7	1	1	3	...	9	16	21	9	2	...	2	71
	Muzaffarnagar	7	...	...	...	...	3	12	17	5	...	...	1	45
	Bijnor	7	...	...	...	...	5	15	15	6	...	...	1	49
	Meerut	5	...	...	2	...	3	17	18	6	...	...	2	53
	Moradabad	6	...	...	1	1	8	10	15	7	1	...	1	50
	Rudarpur	7	...	...	...	...	6	11	18	6	...	...	...	48
	Pilibhit	5	...	...	2	...	6	13	12	8	1	...	...	47
	Bulandshahr	6	...	...	...	...	3	13	13	7	...	...	1	43
	Bareilly	7	...	2	2	...	7	14	21	7	2	...	1	63
	Budaun	...	...	1	...	...	3	10	17	6	...	...	...	37
	Shahjahanpur	3	...	1	2	...	6	14	19	6	...	...	...	51
	Aligarh	3	...	...	1	...	2	13	18	7	...	...	...	44
N.-W. Provinces—*contd.*	Muttra	4	...	...	...	...	4	17	20	5	...	...	...	50
	Agra	2	...	2	...	...	5	14	20	10	...	1	...	54
	Etah	3	...	1	...	1	3	11	19	8	...	...	...	46
	Mainpuri	1	...	...	...	...	2	14	16	5	...	...	...	38
	Furrukhabad	1	...	...	1	...	3	13	16	5	...	...	...	39
	Etawah	1	...	1	...	...	4	17	17	7	...	...	...	47
	Cawnpore	7	...	1	1	...	1	20	21	6	...	...	...	57
	Fatehpur	4	...	1	...	...	5	18	25	7	5	...	...	65
	Jalaun (Orai)	2	...	...	...	...	2	15	17	2	1	...	...	39
	Hamirpur	3	...	...	...	...	...	19	24	6	2	...	...	54
	Banda	4	...	...	...	...	4	17	22	7	3	1	...	58
	Allahabad	7	...	1	1	...	4	24	23	11	6	1	...	78
	Basti	4	...	2	2	1	7	14	22	9	2	...	...	63
	Gorakhpur	3	...	2	2	2	9	15	25	12	4	...	...	74
	Azamgarh	2	...	1	1	2	5	16	18	8	2	...	...	55
	Jaunpur	4	...	1	...	...	4	20	18	11	3	...	...	61
	Benares	7	...	2	...	3	7	19	24	7	3	...	...	72
	Mirzapur	6	...	...	1	...	5	24	22	10	3	...	...	71
	Ghazipur	4	...	...	...	3	7	15	15	6	3	...	...	53
	Ballia	3	...	1	2	3	6	13	16	7	3	...	...	54

Provinces.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total
	Dudhi	6	...	...	2	1	8	17	16	7	2	...	...	59
	Robertsgunj	5	...	...	2	1	7	19	19	8	2	...	...	63
	Jhansi	3	...	1	2	...	7	21	23	8	2	3	2	72
	Lalitpur	2	...	...	...	1	7	23	24	9	2	2	1	71
	Kheri	4	...	4	3	...	10	11	20	9	3	...	...	64
	Sitapur	2	...	2	2	...	1	8	18	8	2	...	...	43
	Bahraich	2	...	1	2	...	5	7	15	6	2	...	...	40
	Gonda	2	...	1	1	1	5	15	22	7	4	...	..	58
Oudh	Hurdoi	3	...	...	1	...	7	14	23	5	...	...	...	53
	Nawabgunj (Bara Banki)	3	...	1	...	...	8	23	21	9	3	...	...	68
	Lucknow	4	...	2	1	1	9	16	24	7	3	...	...	67
	Unao	5	...	2	1	...	1	16	20	6	...	...	...	51
	Fyazbad	1	...	1	1	...	4	15	21	8	4	...	...	55
	Sultanpur	3	...	...	1	...	4	18	23	6	3	...	...	58
	Rae Bareli	7	...	2	...	...	2	17	24	8	3	...	...	63
	Partabgarh	3	...	1	...	...	3	23	27	9	4	...	...	70
Nepal	Katmandu	3	...	4	7	15	18	28	27	18	3	1	...	124
	Motihari	4	...	2	4	8	10	11	14	8	4	...	...	65
	Durbhunga	4	...	1	2	8	14	20	18	9	3	..	...	79
	Sewan	4	...	2	1	4	8	18	14	10	4	..	...	65
	Buxar	4	...	2	2	4	8	13	15	15	3	...	...	66
	Chupra	4	...	2	2	5	9	18	11	5	3	...	...	59
	Arrah	4	..	3	2	5	8	20	13	11	3	...	...	69
	Patna (Bankipur)	6	...	2	3	7	10	19	14	12	4	...	...	77
	Mozufferpore	4	...	2	2	6	10	17	19	8	3	...	...	71
	Barh	4	...	2	1	7	9	16	13	10	3	...	...	65
	Sasseram	4	...	1	2	3	4	12	12	8	3	...	...	49
Bengal	Gya	7	...	1	1	4	6	18	15	10	3	...	...	65
	Jamooee	4	...	2	2	9	10	18	16	12	3	...	...	76
	Muddehpura	5	...	2	3	9	13	11	14	10	3	...	...	70
	Monghyr	4	...	1	1	6	10	16	14	11	4	...	...	67
	Bhagalpur	3	...	2	3	7	13	13	10	8	3	...	...	62
	Godda	3	...	2	3	10	9	16	15	11	4	...	...	73
	Palamow	5	...	...	3	3	6	21	15	13	4	...	...	70
	Hazaribagh	7	...	2	2	7	16	26	18	12	4	...	...	94
	Ranchee	6	...	...	3	3	14	19	16	12	3	...	...	76
	Lohardugga	8	...	...	2	7	13	23	25	13	6	...	...	97
	Nya Doomka	4	...	3	2	12	16	27	20	14	3	...	...	101

Provinces.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November	December.	Total.
Bengal—*contd.*	Gobindpur	6	...	2	4	10	12	21	16	12	5	...	...	88
	Purulia	4	...	2	4	10	13	19	13	11	6	...	...	82
	Sirguja	9	...	1	...	...	8	23	21	9	2	...	...	73
	Jushpore	4	...	1	4	2	10	20	19	9	4	...	...	73
	Gangpur	1	...	...	3	4	9	23	15	9	2	...	...	66
	Chybassa	2	...	1	2	10	11	21	20	12	3	...	...	82
	Barreepudda	3	...	3	5	7	13	18	22	11	7	2	...	91
	Keonjhar	...	...	...	1	5	13	17	8	6	...	...	...	50
	Jellasore	1	...	3	4	7	11	13	20	13	8	2	...	82
	Balasore	...	...	3	2	7	8	15	13	13	5	1	...	67
	Bhuddruck	1	...	4	3	8	10	18	17	15	6	2	...	84
	Talcher	2	...	5	3	5	12	15	18	11	5	1	...	77
	Angul	2	...	...	1	2	15	23	13	13	3	2	...	74
	Dhenkanal	1	...	4	...	6	13	18	22	9	6	2	...	81
	Bispara	1	...	...	3	2	11	15	16	9	6	1	...	64
	Kunjabangar	...	...	3	...	8	14	15	17	13	5	...	...	75
	Banki (Charchika)	2	...	5	1	6	11	20	18	13	7	2	...	85
	Cuttack	2	...	6	3	4	13	22	23	13	6	1	...	93
	False Point	3	...	2	1	4	8	19	18	14	7	5	...	81
	Pooree	1	...	2	...	3	8	13	18	12	8	4	...	69
	Darjeeling	14	2	9	19	20	27	28	28	23	12	1	...	183
	Mongpoo	8	1	5	14	14	23	24	25	20	10	...	...	144
	Pedong	15	2	10	17	18	28	30	27	22	8	1	...	178
	Baxa	8	2	5	11	18	26	27	27	25	16	...	...	165
	Jalpaiguri	3	...	2	10	15	20	16	23	10	6	...	...	105
	Cooch Behar	3	1	6	13	18	23	14	23	14	6	...	...	121
	Kissengunge	4	...	2	1	12	17	12	19	9	6	...	...	82
	Purneah	4	...	2	3	9	15	19	21	14	6	...	...	93
	Rungpore	2	...	3	7	14	21	19	22	16	7	...	...	111
	Dinagepore	2	...	2	4	11	20	17	22	17	7	...	...	102
	Maldah	4	...	2	4	8	12	18	13	12	6	...	...	79
	Bogra	4	...	6	3	12	18	16	12	13	8	...	...	92
	Rampore Bauleah	3	...	4	2	9	13	22	12	14	8	...	...	87
	Pubna	6	...	6	4	12	14	19	12	18	6	...	...	97
	Soory	5	...	3	4	13	19	25	17	16	7	...	...	109
	Bankoora	4	...	2	6	8	13	24	19	13	7	...	...	96
	Burdwan	3	...	4	6	14	14	27	21	17	6	...	...	112
	Hooghly	3	...	2	5	7	15	22	17	9	6	...	...	86
	Howrah	5	...	4	5	13	15	25	22	18	7	1	...	115

TABLE XV.—NUMBER OF DAYS ON WHICH RAINFALL WAS MEASURED IN 1887.

Provinces.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Bengal	Midnapore	3	...	5	5	10	13	19	18	13	7	1	1	95
	Tumlook	1	...	3	3	6	9	16	10	6	1	...	...	55
	Berhampore	5	1	5	2	10	15	21	17	14	9	...	...	99
	Kishnaghur	3	...	3	4	10	12	22	16	16	7	...	...	93
	Furreedpore	6	...	7	1	6	15	19	17	11	6	1	...	89
	Jessore	5	...	3	3	9	14	21	19	13	8	2	...	97
	Busseerhat	3	...	2	2	8	14	17	12	11	7	...	...	76
	Khoolna	6	...	3	2	9	12	19	16	16	7	1	...	91
	Burrisal	5	1	5	3	10	22	27	17	20	5	3	...	118
	Calcutta (Chowringhee)	4	...	4	2	14	16	26	25	21	7	2	...	121
	Alipore (Jail)	2	...	4	2	11	13	21	20	16	6	1	...	96
	Alipore (Obsy.)	3	...	5	3	11	16	27	23	21	6	1	...	116
	Saugor Island	4	...	3	4	10	11	24	18	15	7	2	...	98
	Mymensingh	4	...	10	8	14	23	19	19	20	8	2	...	127
	Kishorganj	5	...	8	4	8	23	18	16	12	4	1	...	99
	Atia (Tangail)	4	...	6	2	4	9	8	9	7	5	...	...	54
	Dacca	3	1	6	2	8	18	23	21	13	6	1	...	102
	Comillah	7	...	7	2	7	26	21	18	12	4	3	...	107
	Agartalla	3	...	8	2	6	21	14	14	7	3	3	...	81
	Noakholly	7	2	4	1	9	18	24	19	19	8	3	...	114
	Demagiri	6	1	10	1	14	26	27	27	21	6	4	...	143
	Rangamatia Hill	7	...	9	...	16	26	21	23	21	5	4	...	132
	Chittagong	4	3	5	...	9	25	27	23	23	6	4	...	129
	Cox's Bazar	4	...	5	...	10	24	26	19	15	8	3	...	114
Assam	Sylhet	6	...	12	10	16	26	21	21	22	8	3	...	145
	Silchar	9	...	16	10	16	24	24	26	18	7	5	...	155
	Cherra Poonjee	9	...	18	14	22	28	29	27	20	7	...	...	174
	Tura	5	...	9	13	15	22	22	23	20	12	1	...	142
	Shillong	9	...	11	14	22	28	21	21	23	14	1	...	164
	Dhubri	3	...	4	13	20	22	21	23	13	7	...	...	126
	Goalpara	5	...	8	13	15	24	21	21	8	4	1	...	120
	Kulsi	8	...	9	12	16	20	20	20	14	2	...	...	121
	Gauhati	8	1	10	19	18	25	18	16	13	4	...	...	132
	Nowgong	12	2	11	16	14	21	19	23	15	3	1	...	137
	Tezpur	8	2	10	15	16	19	18	18	14	2	...	...	122
	Chardner	8	4	9	13	20	23	20	23	17	6	2	...	145
	Sibsagar	11	5	17	15	21	24	23	22	14	6	...	...	158
	Dibrugarh	9	8	17	13	18	25	17	22	16	11	...	...	156
	Kohima	11	1	16	15	19	22	25	30	24	16	5	...	184

Provinces.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Central Provinces.	Saugor	4	...	...	3	1	14	27	26	11	4	3	1	94
	Damoh	5	...	...	...	1	9	21	17	10	3	1	...	67
	Jubbulpore	6	...	...	...	1	18	29	22	15	4	2	2	99
	Narsinghpur	3	...	...	...	...	13	26	25	14	3	4	2	90
	Hoshangabad	4	...	...	1	3	14	28	26	17	4	3	2	102
	Khandwa	2	...	...	...	5	10	23	22	9	4	4	1	80
	Badnur (Betul)	2	...	...	1	1	15	28	28	18	5	5	2	105
	Pachmarhi	5	...	...	...	1	19	29	30	15	3	4	2	108
	Chhindwara	3	...	...	...	2	16	25	21	13	...	...	3	83
	Seoni	3	...	1	3	1	14	26	24	14	4	2	2	94
	Balaghat	3	...	1	1	1	18	28	28	14	5	...	2	101
	Mandla	4	...	1	4	...	13	28	30	13	4	1	1	99
	Bilaspur	2	...	...	3	...	11	20	17	14	4	...	2	73
	Saragaon	2	...	...	1	...	3	14	17	10	1	...	1	49
	Sarangarh	1	...	...	1	1	10	16	17	16	4	...	...	66
	Raigarh	...	...	...	1	1	12	20	19	13	5	...	...	71
	Sambalpur	1	...	1	6	3	12	21	23	14	9	2	1	93
	Raipur	1	...	1	3	...	15	25	19	12	4	...	2	82
	Dhamtari	1	...	...	...	...	8	20	10	5	2	...	...	46
	Bhandara	...	...	...	...	2	10	25	24	11	3	2	2	79
	Nagpur	1	...	1	5	3	18	25	21	13	4	3	2	96
	Arvi	1	...	...	2	2	9	20	17	12	4	1	3	71
	Wardha	1	...	...	1	1	13	20	18	7	3	3	...	67
	Brahmapuri	...	...	1	1	2	10	24	24	8	3	1	...	74
	Chanda	...	...	1	7	1	16	25	26	14	4	1	2	97
	Sironcha	...	...	...	4	3	10	20	22	11	5	6	1	82
	Bastar (Jagdalpore)	...	...	2	8	2	16	19	17	10	6	4	...	84
Benares	Makhla	2	...	...	1	3	18	29	28	17	5	4	1	108
	Chikalda	3	...	...	4	4	20	29	30	17	5	6	4	122
	Ellichpur	2	...	...	...	3	13	24	17	11	6	4	2	82
	Amraoti	3	...	...	1	4	16	20	19	13	4	4	2	86
	Akola	...	...	...	...	3	14	23	12	11	3	3	2	71
	Buldana	1	...	...	...	2	14	24	19	14	5	6	2	87
	Basim	...	...	...	2	5	15	23	17	10	4	3	...	79
	Yeotmal	...	...	...	4	4	19	25	25	14	4	3	3	101
	Wun	...	...	...	...	...	11	14	10	5	4	1	1	46
Hyderabad	Aurangabad (Cantonment)	...	...	...	1	3	15	22	19	7	4	5	1	77
	Aurangabad	...	...	...	1	3	14	22	21	10	2	5	2	80
	Jalna	...	...	...	...	4	13	22	15	9	5	4	...	72

Provinces.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Hyderabad—*contd.*	Hingoli	...	...	...	3	4	16	26	23	9	5	3	...	89
	Parbhani	...	...	...	4	6	14	18	24	12	5	2	1	86
	Nandair	...	...	...	2	3	13	18	14	11	4	...	...	65
	Bheer	...	...	...	1	4	11	18	22	10	7	3	...	76
	Mominabad	...	...	...	4	6	12	17	15	11	6	1	1	73
	Indur	...	...	...	6	...	12	25	28	15	4	3	2	95
	Yelgandal	...	...	...	3	...	16	21	23	8	8	4	1	84
	Medak	...	...	...	3	1	14	14	15	15	6	5	...	73
	Ibrahimpatan	...	...	...	...	...	10	16	18	9	10	7	...	70
	Naldurg	...	...	...	1	7	11	16	20	18	4	2	...	79
	Bidar	...	...	...	4	6	14	20	16	15	6	6	...	87
	Gulbarga	...	...	...	4	4	16	13	18	16	9	2	...	82
	Bolarum	...	...	2	2	1	16	19	17	15	9	5	...	86
	Secunderabad	...	...	2	4	2	18	23	23	21	10	9	...	112
	Hyderabad (Residency).	...	...	...	...	3	10	20	13	16	11	6	...	79
	Hyderabad (Engineer's Office).	...	...	...	...	1	12	20	14	14	10	6	...	77
	Nalgonda	...	...	...	2	3	9	17	20	11	11	2	...	75
	Khamam	...	...	1	3	1	11	18	14	8	4	2	1	63
	Sirpur	...	...	...	?	...	8	20	18	10	4	1	2	63+?
	Nagar Karnul	...	...	...	...	2	17	23	22	19	5	7	...	95
	Raichur	...	...	...	1	2	11	7	15	10	4	5	...	55
	Raichur (Cant.)	...	...	...	...	5	13	11	18	12	5	7	1	72
	Lingsugur (W. Raichur).	...	...	...	...	1	10	9	13	12	10	3	...	58
	Zanawada	?	?	?	?	?	10	15	14	13	8	2	...	?
	Sundanully	?	?	?	?	?	12	16	21	14	11	7	...	?
Bombay	Dhulia	...	...	...	...	1	16	17	20	7	3	7	1	72
	Nasik	...	...	...	...	2	18	29	23	8	10	6	2	98
	Igatpuri	...	...	...	...	3	27	31	31	17	7	6	...	122
	Malegaon	...	...	...	...	3	17	18	13	7	6	7	1	72
	Ahmednagar	...	...	...	...	3	9	21	15	11	8	7	1	75
	Poona	...	...	...	1	3	12	24	20	12	6	5	1	84
	Lanauli	...	...	...	...	2	25	31	31	20	6	4	2	121
	Satara	...	...	..	3	3	24	29	20	12	10	6	3	110
	Mohableshwar	...	...	...	1	4	28	31	31	28	7	5	2	137
	Sholapur	...	...	...	4	6	10	13	21	17	8	2	2	83
	Kolhapur	...	...	1	6	4	20	27	24	11	12	4	...	109
	Baura	...	...	...	...	2	27	31	31	22	8	3	...	124
	Belgaum	...	...	7	11	3	21	31	23	17	19	9	...	141
	Gokak	...	...	...	9	3	12	16	10	12	17	8	2	89

Provinces.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Bombay—*contd.*	Dharwar	...	...	...	12	2	20	24	11	10	16	6	...	101
	Hubli	...	...	...	12	3	18	19	5	8	17	7	1	90
	Nargund	...	...	...	4	4	9	4	7	6	15	5	1	55
	Mandargi	...	...	...	4	4	2	3	7	5	9	5	2	41
	Kalghatgi	...	...	...	7	1	15	21	13	6	10	5	1	79
	Bijapur	...	...	...	5	8	14	16	15	16	16	8	1	99
	Honawar	...	..	1	2	4	29	29	28	19	10	8	...	130
	Karwar	...	...	...	1	7	24	30	28	15	10	7	1	123
	Goa	...	...	...	...	4	25	29	30	14	10	5	...	117
	Vingurla	...	...	...	2	9	27	30	31	18	13	4	...	134
	Ratnagiri	...	...	1	2	9	26	31	31	21	6	4	1	132
	Colaba (Obsy.)	...	...	...	1	4	23	28	29	19	4	1	3	112
	Byculla (J. J. Hospital).	...	...	...	...	...	18	27	24	12	1	...	...	82
	Tanna	...	...	...	...	1	24	31	31	14	4	3	1	109
	Matheran	...	...	...	...	4	27	31	31	19	4	6	...	122
	Surat	...	...	...	...	1	13	26	22	5	...	5	1	73
	Broach	...	...	...	...	...	16	24	20	3	...	5	...	68
	Kaira	1	...	...	1	1	10	27	22	6	...	6	1	75
	Bariya	...	...	...	...	1	9	28	24	7	...	3	...	72
	Godhra	...	...	...	...	...	11	27	26	6	2	5	1	78
	Dohad	...	...	...	1	1	8	27	24	7	1	6	1	76
	Ahmedabad	...	...	...	...	...	6	23	18	2	...	2	1	52
	Edar	...	...	...	...	...	6	22	17	2	...	...	1	48
	Deesa	...	...	...	...	...	3	21	18	...	...	...	1	43
	Wadhwan	...	...	...	...	...	10	26	15	1	1	2	2	57
	Palanpur	...	...	...	1	...	5	22	18	1	...	...	1	48
	Rajkot	...	...	...	1	...	12	20	14	2	...	2	1	52
	Songad	1	...	1	...	...	9	22	16	3	...	2	1	55
	Manakwara	1	...	...	...	...	10	27	25	4	?	?	?	?
	Jetalsar	?	?	?	?	?	?	?	?	?	1	1	1	?
	Bhuj	...	...	...	...	...	7	15	10	...	...	1	...	33
	Rhahpur	...	...	...	...	...	3	8	1	1	...	...	1	14
	Nagar	...	...	...	...	...	2	12	7	...	...	...	...	21
	Kurrachee	3	...	...	...	...	2	16	4	...	...	...	...	25
	Sehwan	1	...	...	...	...	1	3	2	...	...	...	...	7
	Tatta	3	...	...	...	...	2	13	5	...	...	...	1	24
	Hyderabad (Obsy.)	2	...	...	...	...	...	1	3	...	...	...	...	6
	Umarkot	1	...	...	...	...	...	9	2	...	...	...	...	13

Provinces.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Bombay—concld.	Shikarpur	3	1	...	1	...	...	...	2	...	...	...	...	7
	Rohri	3	2	...	2	...	1	...	2	...	...	...	...	10
	Jacobabad	2	2	...	...	...	...	...	2	...	...	...	...	6
Madras	Ganjam	...	...	2	...	...	7	6	10	8	5	6	...	44
	Gopalpur	1	...	1	...	3	5	14	14	8	10	6	...	62
	Aska	...	...	3	3	5	13	16	17	9	8	5	...	79
	Aska (Minchin Bro.'s Bungalow).	...	...	3	4	6	11	18	17	10	7	5	...	81
	Aska (Minchin Bro.'s Office).	...	...	3	4	6	11	18	17	10	7	5	...	81
	Vizianagram	...	...	1	...	2	9	9	9	7	9	5	..	51
	Bimlipatam	...	...	1	...	4	4	6	8	7	11	3	...	44
	Ryaghadda	...	...	2	3	5	10	19	18	12	4	3	...	76
	Nourangapur	...	...	...	...	2	8	25	20	11	5	...	...	71
	Gunipur	...	...	3	2	4	13	15	19	10	7	4	...	77
	Jeypur	...	...	1	6	3	12	24	28	18	5	4	...	101
	Koraput	...	...	...	2	4	13	26	22	11	5	4	...	87
	Malkanagiri	...	...	...	1	...	16	20	18	13	5	2	1	76
	Narsapatnam	...	...	1	3	3	6	12	11	9	7	5	...	57
	Vizagapatam	...	...	1	...	3	8	11	6	8	14	5	...	56
	Cocanada	...	...	...	...	4	7	15	11	7	10	6	...	63
	Rajahmundry	...	...	...	...	1	7	12	7	4	6	3	...	40
	Ellore	...	...	...	1	2	8	8	18	7	11	5	...	60
	Masulipatam	...	...	...	...	3	12	15	19	13	12	8	1	83
	Guntur	...	...	...	...	1	5	6	13	6	10	4	...	45
	Vinukonda	...	...	...	...	...	5	9	11	7	12	9	...	53
	Ongole	...	...	...	...	2	3	9	7	9	11	10	1	52
	Nellore	...	...	...	...	1	5	5	5	5	14	16	7	58
	Udayagiri	...	...	...	...	...	2	2	3	8	13	13	6	47
	Tada	...	...	...	...	2	5	6	...	8	14	16	3	54
	Kurnool	...	...	...	4	3	11	14	17	16	8	6	...	79
	Cumbum	...	...	...	...	...	1	6	7	6	7	8	2	37
	Nandyal	...	...	...	...	2	9	12	13	12	7	3	...	58
	Bellary	...	...	...	2	3	9	9	12	11	12	7	4	69
	Gooty	...	...	...	...	4	8	5	17	10	5	2	...	51
	Adoni	...	...	...	1	4	14	13	15	15	7	7	1	77
	Dharmavaram	...	...	...	...	2	1	2	7	5	4	3	...	24
	Cuddapah	...	...	...	...	3	7	4	10	11	12	12	6	65
	Madnapalle	...	...	...	...	5	4	3	9	5	13	12	6	57
	Chittoor	...	...	...	...	3	12	1	8	7	8	15	8	62
	Vellore	...	...	...	...	6	9	3	12	10	10	15	9	74

Provinces.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Madras—*contd.*	Chandragiri	...	...	...	...	2	7	4	7	7	12	12	8	59
	Arcot	...	...	...	...	1	7	4	12	11	12	13	7	69
	Madras	1	...	2	...	2	9	11	10	13	18	19	15	100
	Palmaner	...	...	...	...	4	8	...	5	10	10	10	6	53
	Saidapet	...	...	1	...	...	4	6	5	10	15	15	12	68
	Chingleput	...	...	...	...	1	9	4	7	5	11	11	11	59
	Conjeeveram	...	...	...	...	2	9	4	9	8	11	14	7	64
	Tindivanam	...	...	...	1	1	5	4	11	9	13	14	9	67
	Cuddalore	1	...	2	2	2	8	8	14	9	19	17	10	92
	Vriddhachalam	...	...	1	...	4	9	6	10	3	17	14	9	73
	Udayarpalaiyam (Jyankoda Cholapuram).	...	...	2	1	3	2	3	11	8	17	12	12	71
	Salem	...	...	5	6	10	18	10	18	6	17	15	11	116
	Atur	...	...	2	1	2	5	4	8	2	13	7	6	50
	Shevaroy Hills	...	...	4	7	9	14	13	17	9	23	21	11	128
	Kumbakonam	...	...	1	...	1	2	1	8	4	14	11	12	54
	Tirupatur	...	...	...	2	7	8	4	8	5	12	11	2	59
	Hosur	...	...	...	1	5	5	6	13	5	14	13	5	64
	Tranquebar	...	...	1	2	1	1	1	8	6	18	14	12	64
	Negapatam	1	...	2	3	2	11	5	9	6	21	18	13	91
	Tanjore	...	...	1	3	2	7	...	9	3	15	15	13	68
	Putukota	...	1	2	3	1	5	2	4	5	16	13	13	73
	Trichinopoly	...	...	2	2	3	6	...	12	5	19	12	12	73
	Karur	...	...	2	2	4	2	1	5	4	15	7	6	48
	Coimbatore	...	1	4	3	5	11	12	4	4	21	14	11	90
	Kollegal	...	...	1	4	9	7	1	7	6	11	6	2	54
	Dindigul	...	...	2	4	3	10	6	9	4	19	13	18	88
	Madura (Obsy.)	...	2	3	5	8	8	3	13	6	19	14	15	96
	Madura (Cutchery)	...	1	3	3	5	4	...	10	5	17	5	10	63
	Pasumali	...	1	4	3	3	3	2	7	6	14	9	9	61
	Vattanum	...	...	2	4	...	6	4	6	3	15	10	10	60
	Periyakulam	...	...	2	4	2	2	...	5	1	16	4	10	46
	Tinnevelley	...	1	2	7	1	...	1	2	...	15	11	14	54
	Tuticorin	...	1	1	9	...	2	...	2	...	8	10	8	41
	Satur	...	1	2	5	2	2	1	6	3	13	6	9	50
	Cochin	...	3	5	17	15	30	23	18	12	24	12	5	164
	Palghat	...	1	1	5	6	21	25	13	12	18	8	1	111
	Wellington	1	2	5	17	13	22	15	21	12	25	21	15	169
	Manantoddy	...	...	5	7	3	24	28	19	15	16	11	2	130

TABLE XV.—NUMBER OF DAYS ON WHICH RAINFALL WAS MEASURED IN 1887.

Provinces.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Madras—*concld.*	Calicut	...	1	1	5	10	26	27	12	13	15	12	1	123
	Tellicherry	...	...	1	4	10	26	28	17	14	13	9	2	124
	Cannanore	...	...	...	6	6	26	29	21	15	12	11	3	129
	Mangalore	...	...	1	4	9	28	27	24	14	13	9	...	129
Mysore and Coorg.	Bangalore	...	...	1	2	10	15	16	16	12	17	14	7	110
	Mysore	...	...	2	3	10	14	13	5	9	13	15	2	86
	Shimoga	...	...	1	8	5	18	21	11	9	10	9	...	92
	Mercara	...	...	1	8	9	28	30	28	20	18	14	6	162
	Kolar	...	...	...	2	5	6	8	11	11	17	17	7	84
	Tumkur	...	...	...	3	8	12	12	11	12	12	10	4	84
	Chitaldroog	...	...	...	6	4	13	15	14	10	15	8	5	90
	Chikmagalur	...	...	1	9	4	19	24	12	9	16	11	5	110
	Hassan	...	...	...	6	6	15	13	6	7	12	9	2	76
Ceylon	Jaffna	3	4	2	10	2	6	1	5	5	18	18	24	98
	Mannaar	3	3	3	5	1	1	...	...	1	19	13	22	71
	Trincomallee	6	3	3	14	2	4	8	11	5	22	18	24	120
	Batticaloa	12	6	2	7	2	6	2	10	3	19	15	25	109
	Hambantota	3	4	1	6	8	4	3	8	...	14	10	17	78
	Galle	13	11	4	19	21	28	19	25	13	24	25	21	223
	Ratnapura	4	7	8	21	19	25	5	10	7	15	12	15	148
	Colombo	6	7	5	24	21	23	6	18	6	25	19	22	182
	Kandy	8	9	4	20	14	27	17	21	15	25	26	27	213
	Newera Eliya	13	10	7	21	18	29	19	22	18	27	23	29	236
	Puttalam	4	5	4	7	4	5	3	1	...	16	17	23	89
	Anuradhapura	3	3	3	16	?	?	...	2	...	19	15	19	?
Burma	Akyab	3	...	1	...	17	24	31	27	26	5	...	...	134
	Kyaukpyu	2	...	2	...	20	27	31	24	18	7	2	...	133
	Sandoway	2	...	1	...	18	24	29	26	24	10	1	...	135
	Rangoon	...	...	2	3	20	26	30	27	22	10	...	...	140
	Bassein	1	...	1	6	24	29	29	27	26	19	2	...	164
	Diamond Island	...	...	...	1	14	21	27	27	24	8	4	1	127
	Henzada	1	...	...	4	14	19	28	22	20	12	...	...	120
	Myanaung	1	...	...	3	13	20	27	18	21	4	1	...	108
	Prome	...	...	...	5	16	23	26	27	21	11	1	...	130
	Thayetmyo	...	...	...	2	18	24	28	19	22	9	1	...	123
	Mandalay	2	...	3	4	10	5	10	10	10	4	3	...	61
	Shweybo	2	...	1	4	10	11	16	11	9	3	1	...	68
	Yeu	2	1	2	5	9	7	13	10	11	5	3	...	68
	Minbu	1	...	...	...	11	9	19	12	15	4	2	..	73

TABLE XV.—NUMBER OF DAYS ON WHICH RAINFALL WAS MEASURED IN 1887.

Provinces.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	Pyinmana	3	...	...	5	16	12	31	22	21	7	2	...	119
	Pagan	1	1	1	1	10	5	11	10	9	5	1	...	55
	Kyanksai	2	...	...	5	8	5	9	4	11	6	...	...	50
	Bhamo	7	1	5	4	12	20+?	28	20	14	9	4	...	124+?
	Kendat	7	1	3	2	13	11	17	10	11	9	4	...	88
	Toungdwingyee	...	...	...	1	15	16	25	21	22	14	1	...	115
	Ye Methin	?	?	?	4	10	7	21	16	18	8	3	...	?
	Fort Sagaing	2	...	3	1	13	7	15	12	14	8	1	...	76
Burmah—*contd.*	Mingin	5	...	2	...	8	10	9	12	13	7	6	...	72
	Toungoo	1	...	1	7	15	22	28	23	26	14	1	...	138
	Shwegyin	1	...	2	3	23	29	30	28	27	11	1	1	156
	Moulmein	...	1	3	9	26	29	30	24	23	12	...	...	157
	Tavoy	...	2	5	13	26	29	31	31	30	13	2	...	182
	Mergui	1	2	9	12	28	26	26	21	24	15	5	...	169
	Yewoon	?	?	?	5	8	3	9	3	5	2	1	...	?
	Myingyan	1	1	...	2	9	7	12	9	13	8	2	...	64
	Alâon	?	?	?	?	8	7	11	5	7	4	1	...	?
	Cocos Island	?	...	?	5	24	14	23	18	22	10	11	1	128+?
Bay Islands	Port Blair	22	...	6	3	21	28	28	25	21	19	10	9	172
	Nancowry	2	11	10	14	27	26	19	22	26	21	25	19	222
Straits Settlements.	Singapore	23	21	21	19	18	18	10	19	17	16	20	24	226

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